

80 THINGS TO MAKE IN CARDBOARD



Here are some of the exciting things you can make from cardboard.

Mobiles and dolls	5	Japanese decorations	37
Miniature menagerie	6	Rowing-boat	38
Your own mosaics	7	Some weird creatures	39
A monkle monster	8	Tea-set	40
Bang! bang! guns	10	Game of toss-the-ring	41
Clothes peg farm	11	Mother's "memory" pad	42
Pull-along dragon	14	Fishing game	43
A balancing bird	15	Money box	44
A game of frog-leap	16	Totem pole	45
Buildings from small boxes	17	Jingling jester	46
A cuckoo clock	18	Snake bracelet	47
Elec-tricky dancers	20	Rock-a-bye cradle	48
A marble game	21	Robot puppet	49
A Sicilian cart	22	Odds and ends box	50
Tidy-away owl-box	23	Owl on a log	51
Handy sewing kits	24	Jeremy giraffe	52
"Window" boxes	25	Esmeralda elephant	53
Peepshow	26	Whirling windmill	54
Number game	28	Terry turtle	55
The jolly roger	29	Prancing animals	56
Landscape picture	30	A Martian mask	57
A lion hold-all	31	Doll's house	58
Cage for a tiger	32	Doll's furniture	59
Plant pots and trays	33	More model furniture	60
Katchina doll	34	Shopping centre	61
Rocking horse	35	Castle with a drawbridge	62
Petrol pump	36	A toy city	63

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80 THINGS TO MAKE IN CARDBOARD

*Wishing you a happy birthday
To Micky,*

From Rahul and Pratu



By Janet and Alex D'Amato

ODHAMS BOOKS

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INTRODUCTION

You may not realize how much good cardboard is thrown away at your house. Once a box or container is empty, shake out any crumbs or remaining food. Boxes that contained biscuits, cereal, crisps, or facial tissue are made of lightweight cardboard that is easy to cut and handle. The cardboard that comes in shirts from the laundry often is of similar weight. When instructions simply say use "cardboard" we mean this type, unless stated otherwise.

You can make all these objects using simple materials that are usually found in any average home. Most items need scissors, paste, poster paints, and perhaps pipe cleaners, soda straws or staples.

If paint or paste will not hold on the surface you are working with, rub the surface with liquid detergent and then paint. Otherwise use crayons or felt-tipped markers for colour. Often household cement will hold on difficult surfaces better than paste. Many joinings can be held with transparent sticky tape.

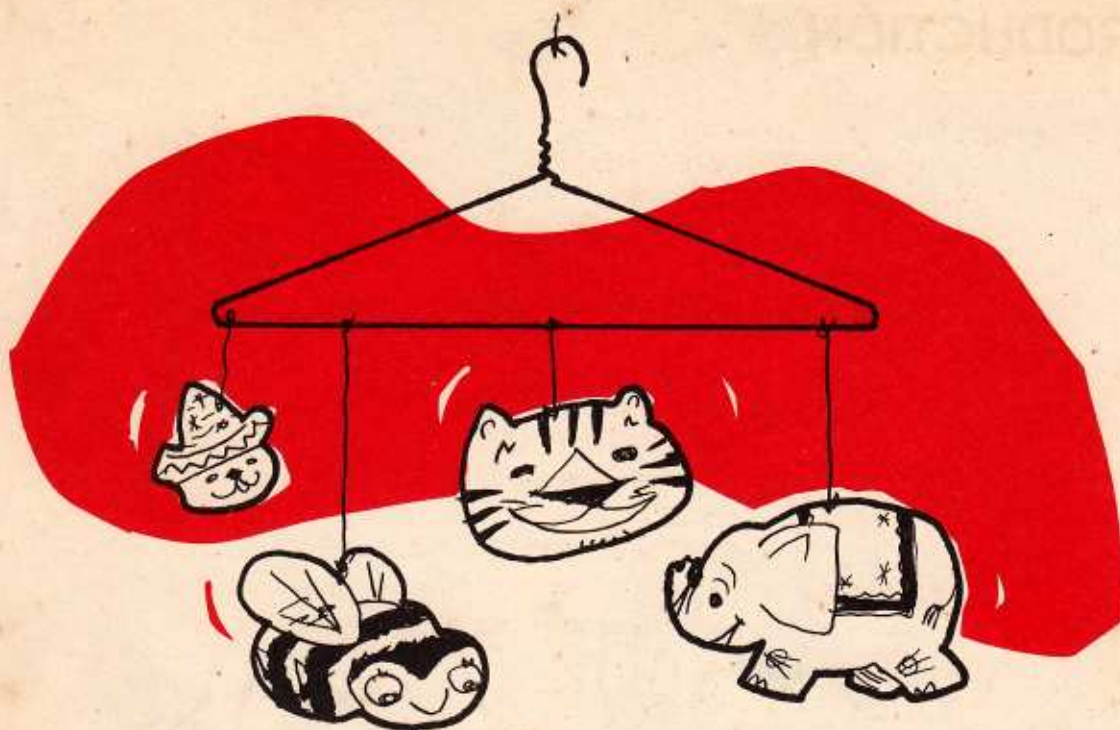
Many pages in this book are to be cut out and pasted onto cardboard. Be sure to check the other side first. Do whatever is on the back of the pages before cutting.

Some pages say "trace pattern". Use a thin paper you can see through. Trace outlines; then transfer them to cardboard and cut out.

Now that you've read the general instructions, look around you and collect as many different kinds of boxes as possible — little ones, big ones, all shapes. Beginning with these drab little boxes and by using patience and a lot of imagination, you will be able to create lovely objects that your family and friends will admire and you will have a lot of fun making.

Come and join us on a short trip into the wonderful world of cardboard boxes and cartons.





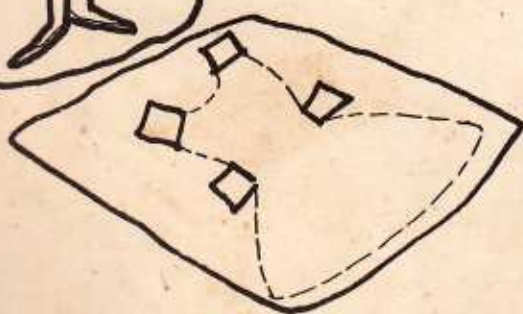
Mobiles and Dolls



There is a great variety of things to do and make using the cardboard cut from lightweight boxes or shirt boards.

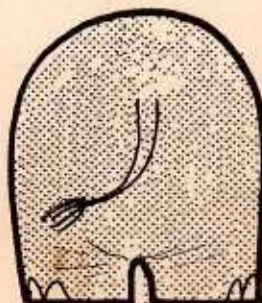
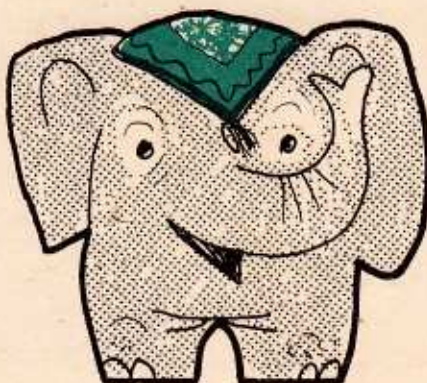
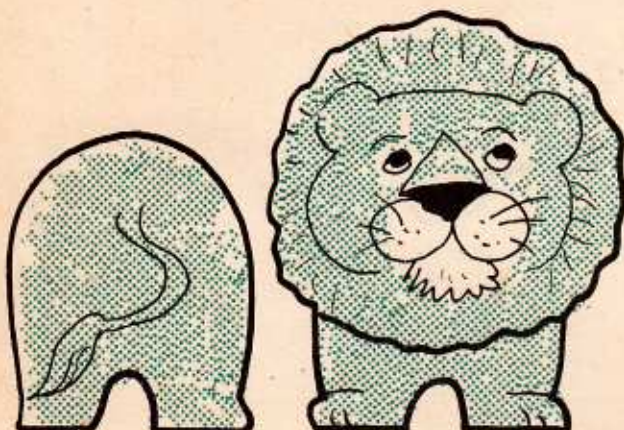
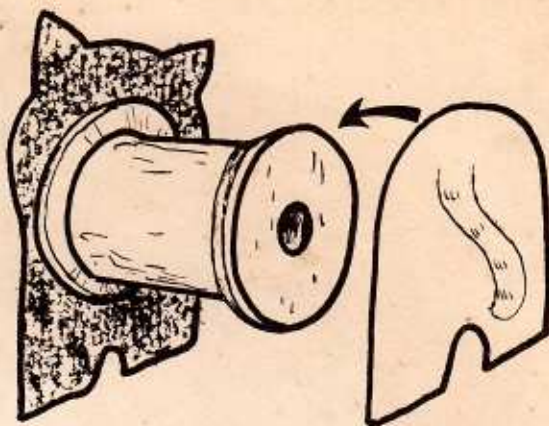
Here is a way to make a simple and attractive mobile. Cut out several pictures of the lively animals and characters on your cereal boxes. Tie threads through the tops of each. Tie to bottom of hanger at different lengths. Hang in your room. Presto — you have a mobile.

Girls can make their own paper dolls. Cut pictures from old magazines or newspapers. Drawings advertising bathing suits or petticoats are best. Mount the picture of the girl on cardboard, and cut out. To make clothes for her, make a pattern by using lightweight paper you can see through. Lay over doll and trace around waist and shoulders and skirt line. Draw on tabs to hold dress in place. Use this pattern to cut dresses out of different coloured papers. Decorate.



Miniature Menagerie

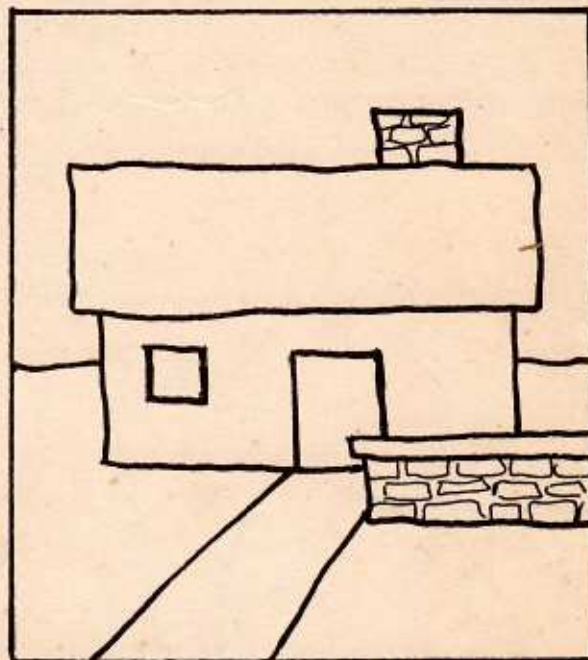
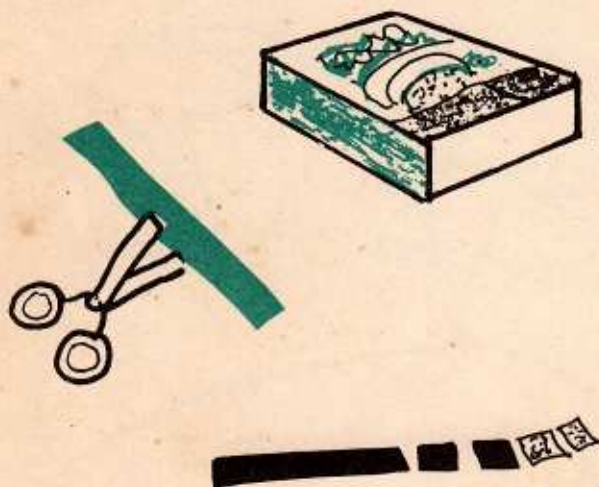
Paste the animal heads and backs at the bottom of this page onto cardboard. When dry, cut out. Paste onto empty thread spools. Using these as patterns you can make as many animals as you like for your menagerie.



Make Your Own Mosaics—Cardboard Tessera

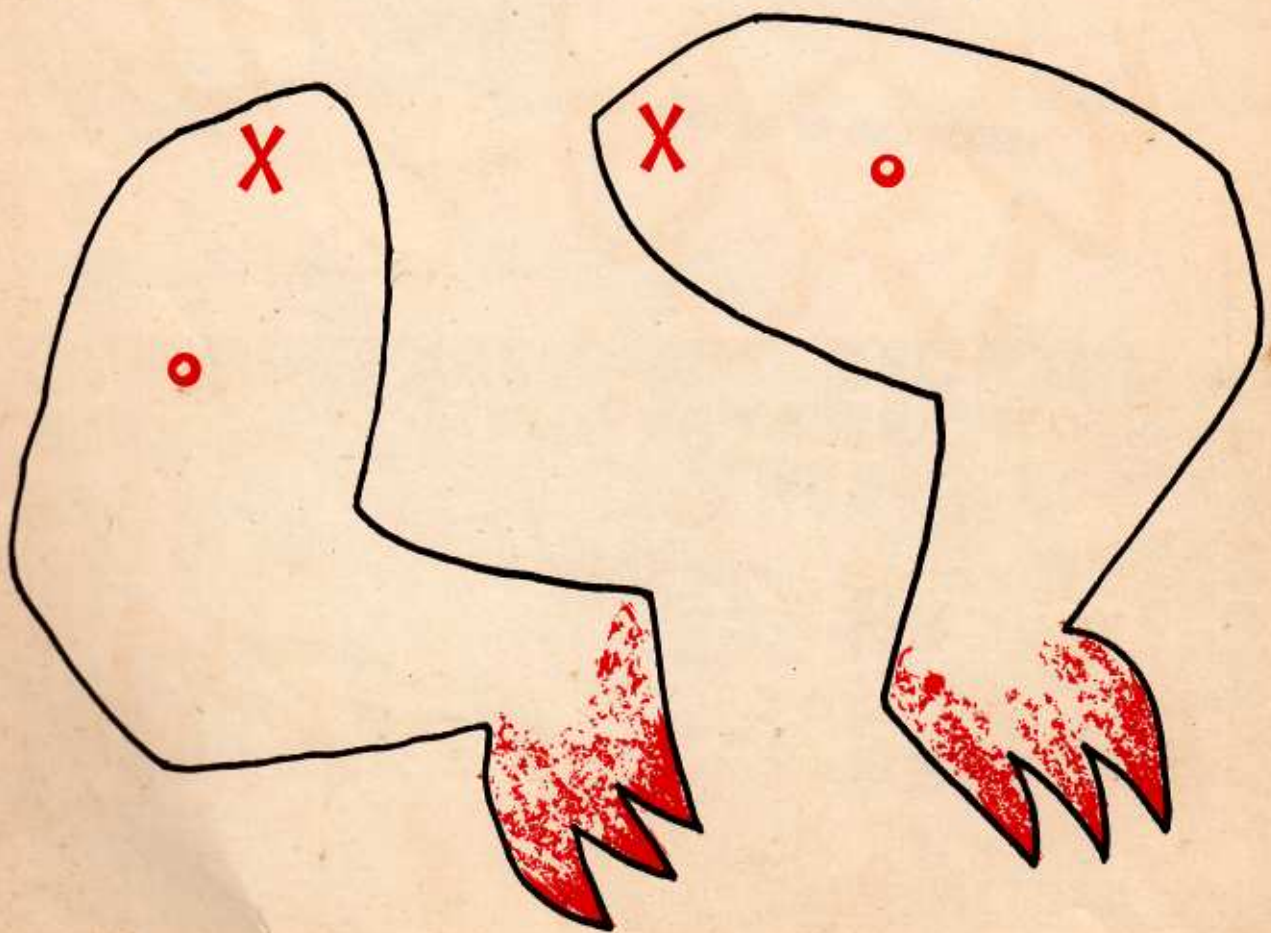
Tessera is an old Latin word that means a square piece of stone, ivory or wood. Since you are using cardboard you can call it cardboard tessera. Boxes are printed in many bright, colourful designs, sometimes even gold. To make tiles, cut $\frac{1}{4}$ " strips and then snip into squares.

Draw a rough design on a plain piece of cardboard. Here are two picture suggestions. Colouring books are good places to look for ideas too. Spread paste on a small area at a time. Set tiles in place. Cut and trim your "tiles" when needed to fit design.



Make a Monkle Monster

Cut out these two pages and paste on cardboard. When dry, colour as outlandishly as you please. Cut out and punch holes where shown. Attach legs and wings to body with four paper fasteners. Cut a piece of string 20" long. Overlap tops of legs and tie string through as shown, leaving 10" hanging below. Tie the other end of the string through the wings as shown. Continue up through hole in top of head. Hold Monkle at his side; pull either top or bottom string and watch him move.



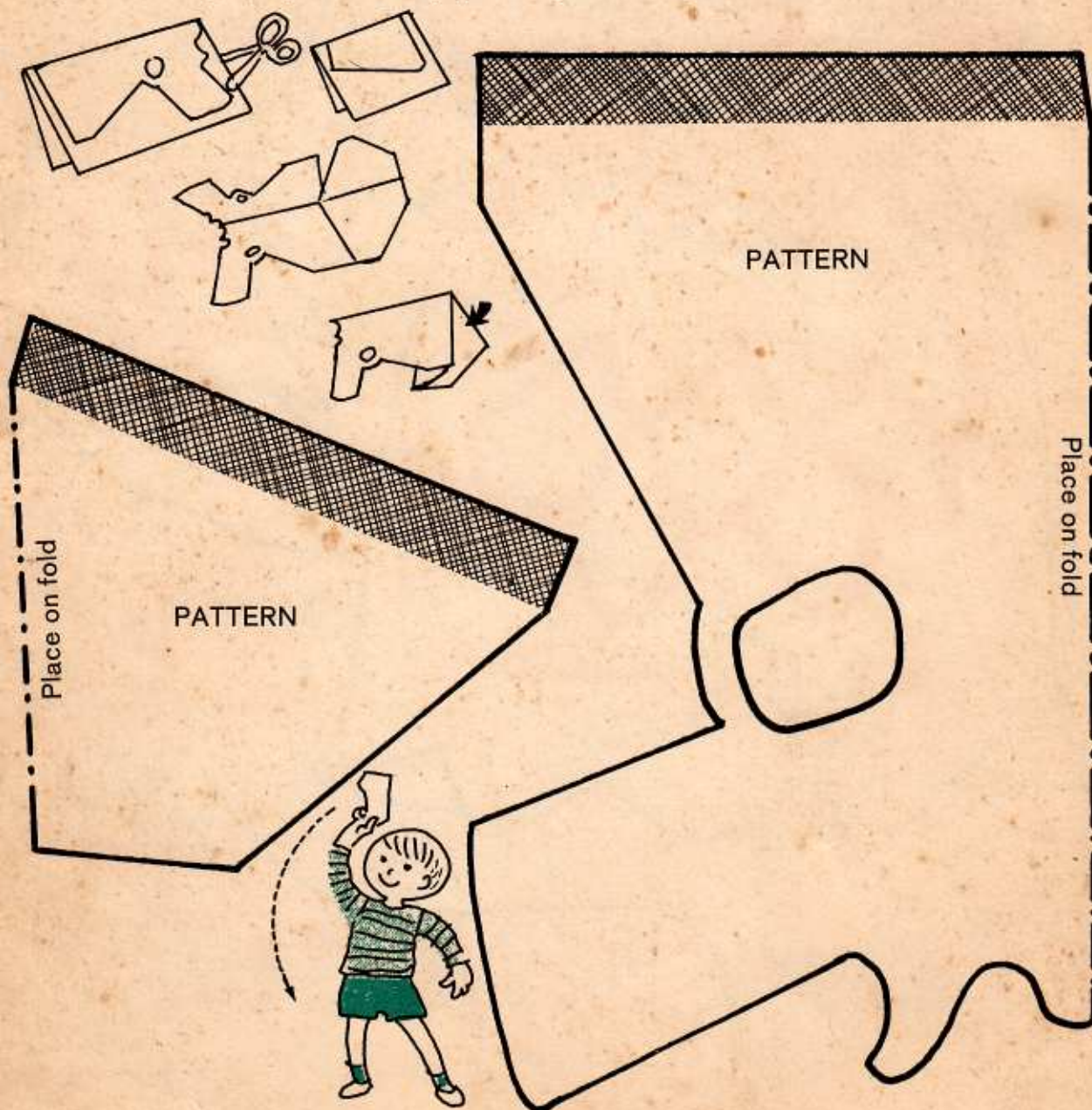


Make a Bang! Bang!

Use a panel of a cereal box. Cut apart from box and fold in half horizontally.

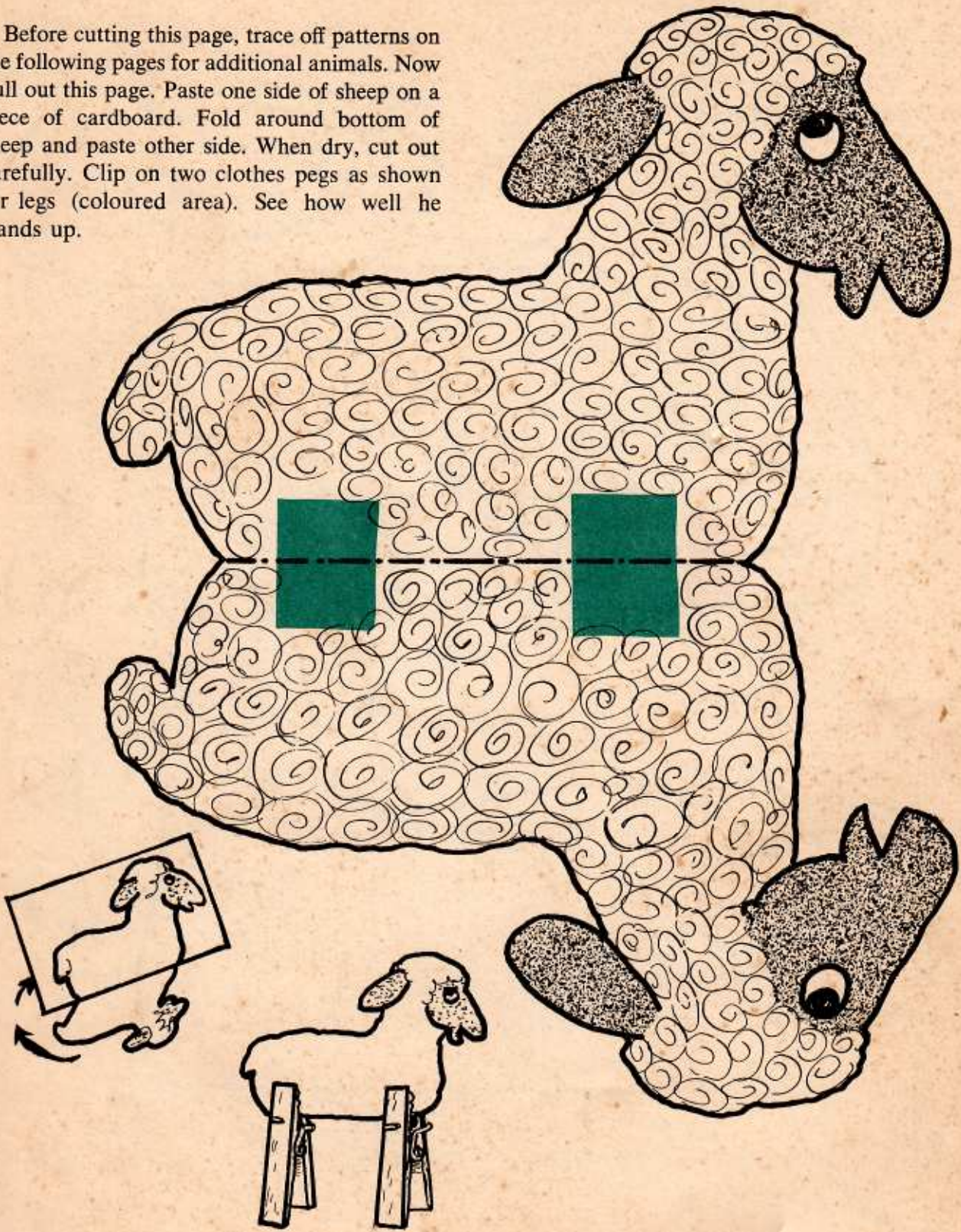
Trace gun shape from this page and transfer it to your folded piece, making sure fold is in the right place. Cut both sides of cardboard together. Trace smaller "Bang" shape on a folded sheet of lightweight writing paper. Cut out. Open up and paste one side of tab to one side of gun on shaded area as shown. Let dry thoroughly. Then fold "Bang" into gun and paste other tab in place. Let dry.

To make a loud "Bang," raise your gun in the air and bring it down sharply. For best results, hold gun handle slightly open to allow paper to flip out noisily.

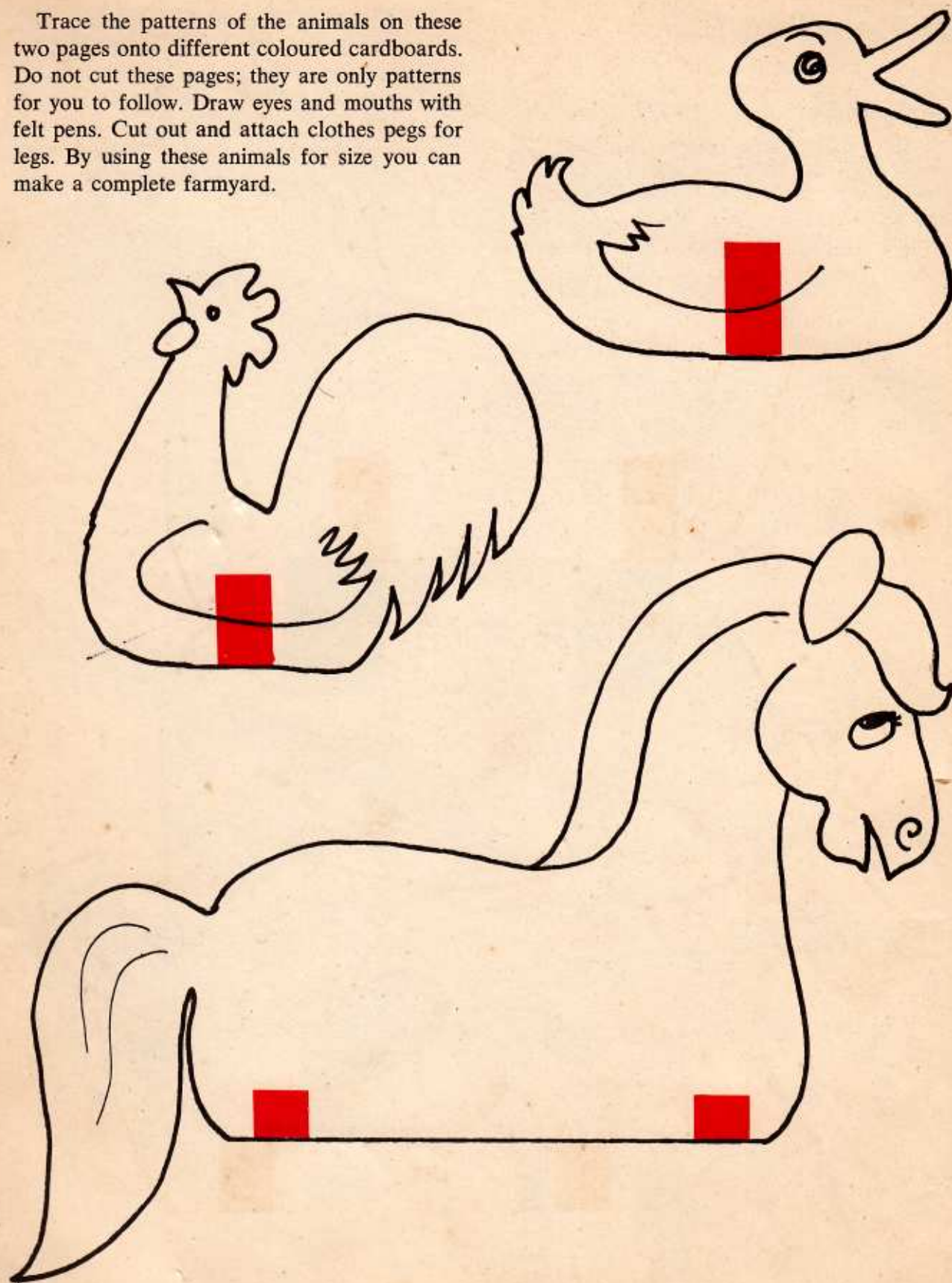


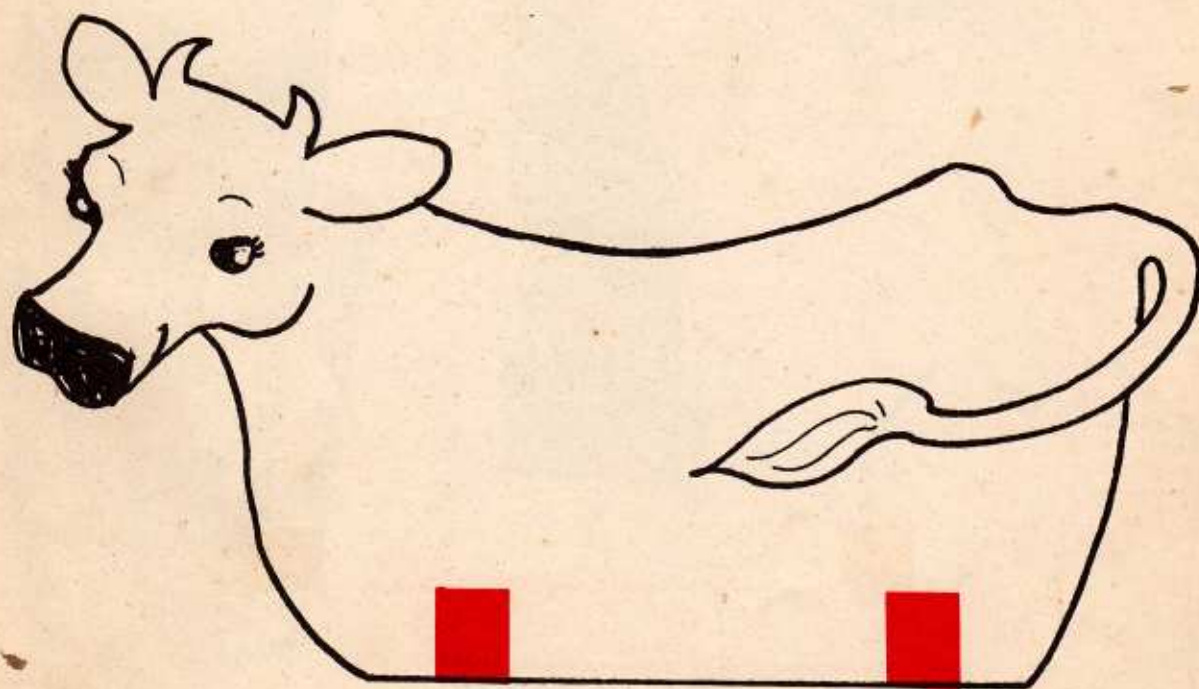
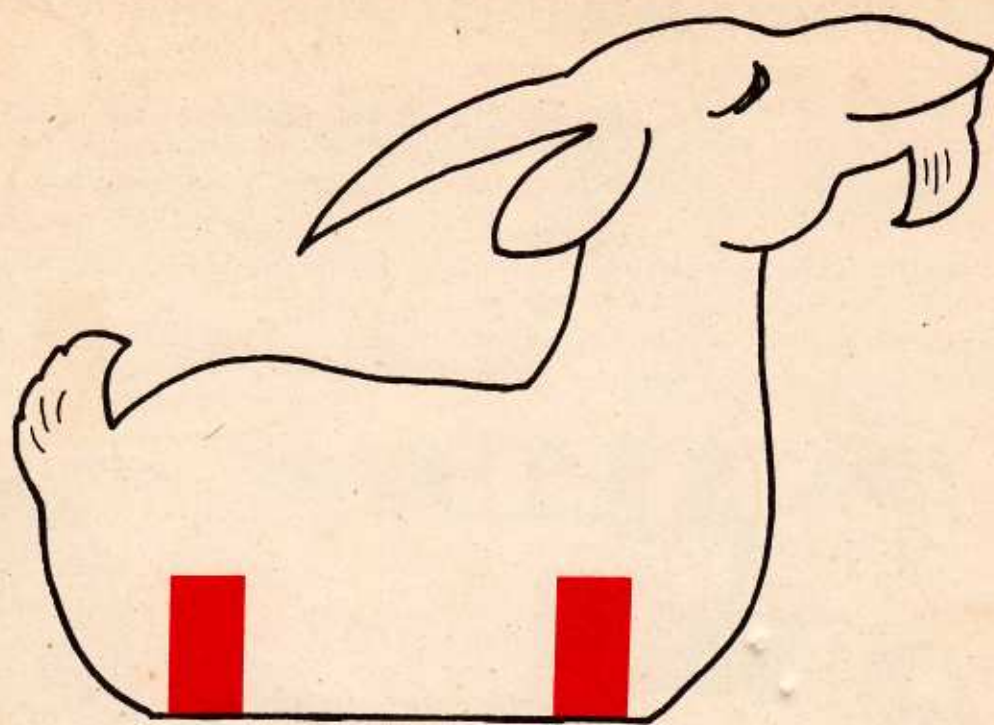
Clothes Peg Farm

Before cutting this page, trace off patterns on the following pages for additional animals. Now pull out this page. Paste one side of sheep on a piece of cardboard. Fold around bottom of sheep and paste other side. When dry, cut out carefully. Clip on two clothes pegs as shown for legs (coloured area). See how well he stands up.



Trace the patterns of the animals on these two pages onto different coloured cardboards. Do not cut these pages; they are only patterns for you to follow. Draw eyes and mouths with felt pens. Cut out and attach clothes pegs for legs. By using these animals for size you can make a complete farmyard.

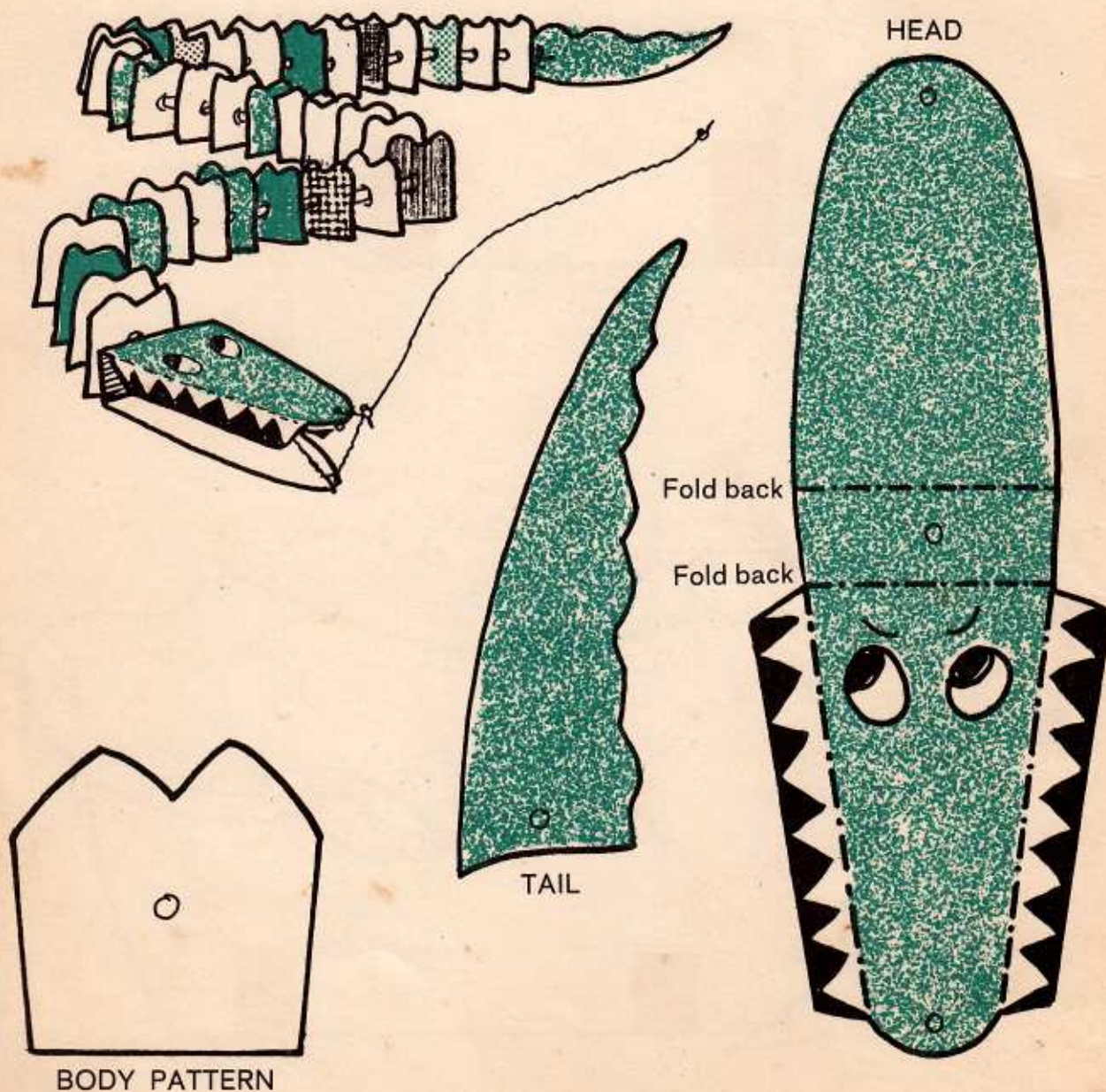




A Dragon For Dragging

Paste the head and tail on cardboard. Cut out. Fold head piece where shown, making bottom jaw underneath. Use body pattern to cut out body shapes. Cut as many as you like, from different coloured boxes. Cut small snips of soda straws about $\frac{1}{4}$ " long, or use macaroni of the same shape.

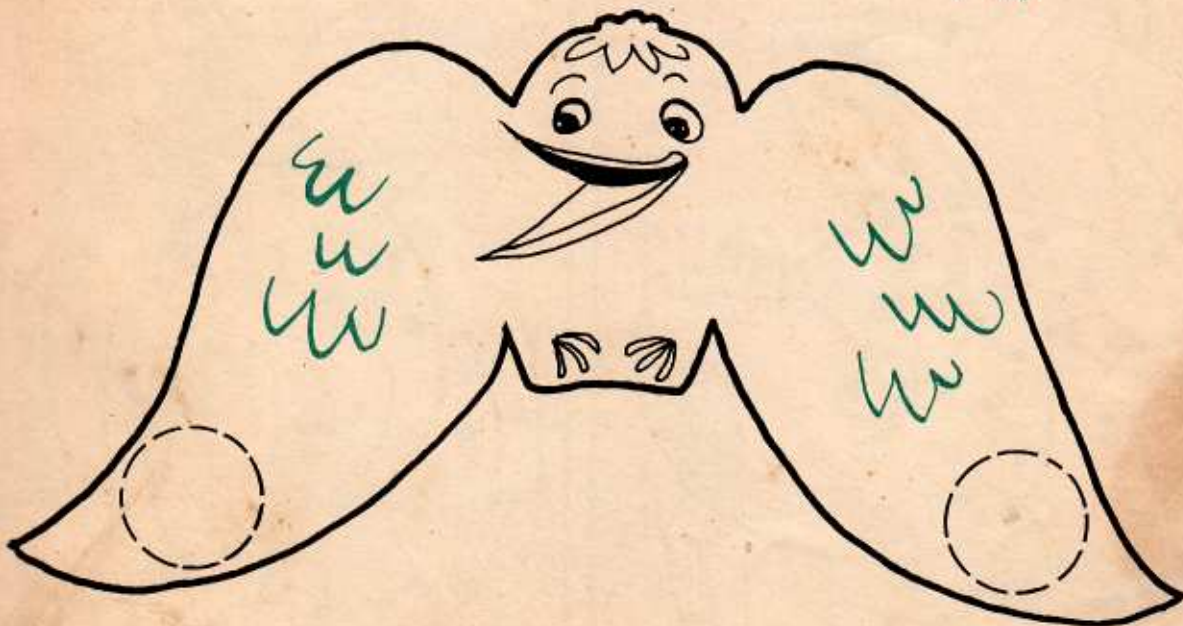
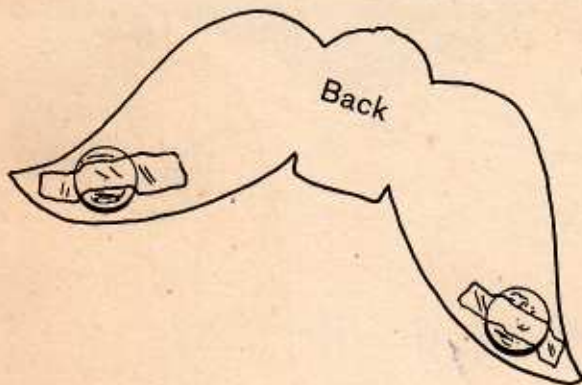
Cut a piece of string or yarn about a yard long. Thread on a heavy needle. Tie end to tail piece. Now start stringing, alternating each body piece with a piece of straw. When you have a nice long dragon, thread string through back of head and up his nose. Tie at his nose leaving a long piece so you can drag him around.



"Beaky" The Balancing Bird

Here is a bird that loves to perch on your finger. Trace shape below onto cardboard. Colour and draw beak, eyes, and feathers on both sides. Cut him out carefully.

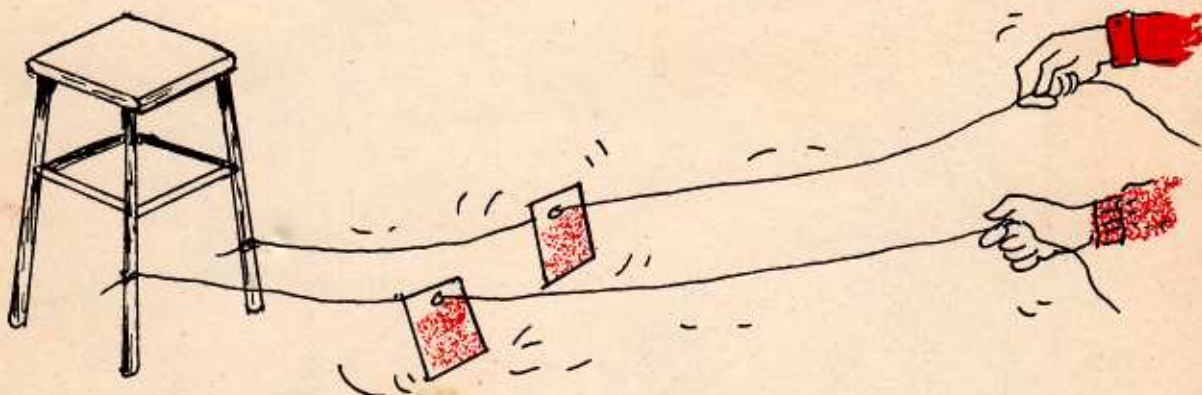
Tape a penny to the end of each wing. Place "Beaky" carefully on the end of your finger; balance him, and he will sit there. He'll even perch on the top of your pencil. Try balancing "Beaky" in other places around the house.

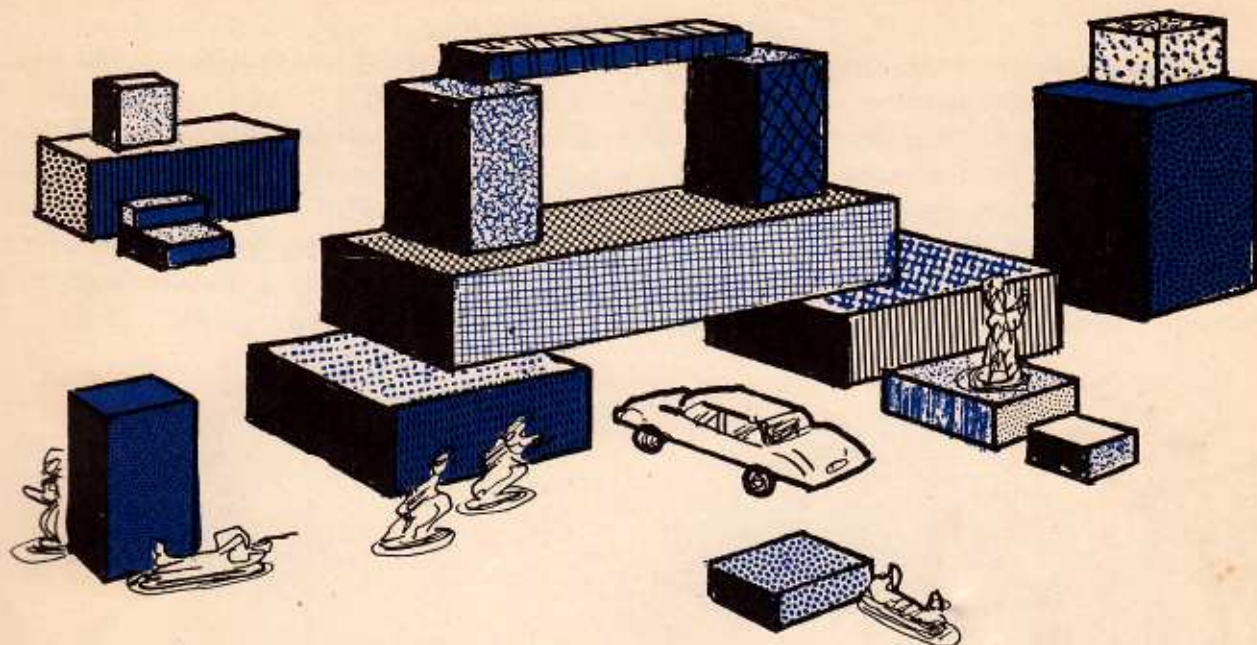


Leaping Frogs Game

Colour these two frogs and paste them on cardboard. When dry, cut squares out and punch holes in top centre. Cut two pieces of string about four feet long. Tie ends to legs of a chair or stool, 5" from the floor. Tape securely in place. Thread frogs on strings. Each player holds a string with a frog on it.

Tilt frog square forward slightly, then jerk string and he will hop; let up on string and he will land. Repeat this, hopping the frogs toward the goal (chair leg). The frog square must touch the floor with each hop. Sliding along on the string is not allowed. The first frog to reach the goal wins.





Small Box Fun

Even the smallest empty boxes can be put to use. The boxes that contained mixes for puddings or jellies, flip top cigarette boxes, small snack size cereal boxes or pill boxes are the bases of these constructions. Empty matchboxes and match folders are also used.

Please remember to wait until your parents have finished using the contents before you begin to make anything out of a box. Do not, ever, waste contents just to use the boxes.

Boxes of all sizes and shapes can be taped closed and covered with bright papers. Use them as building blocks.

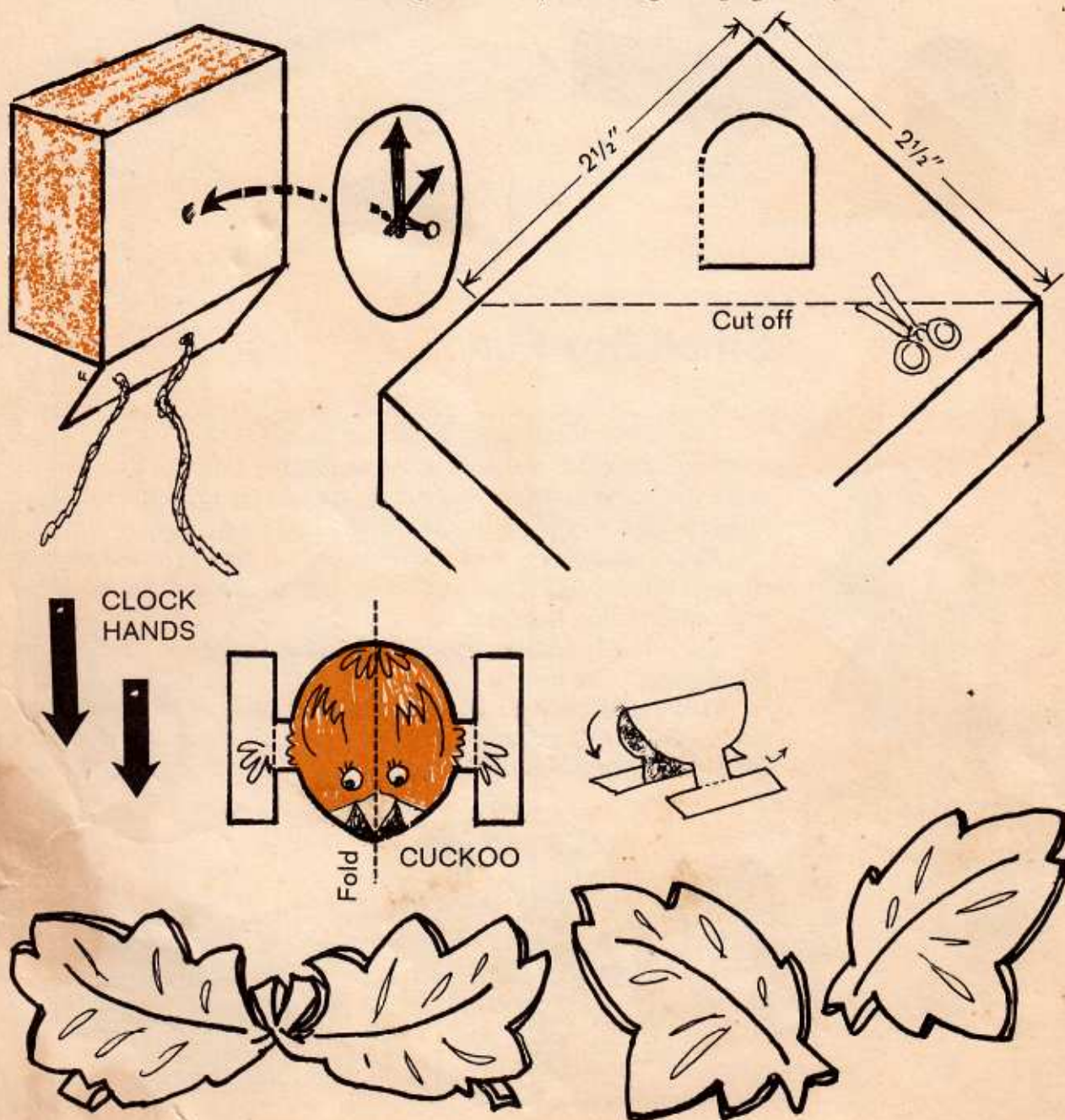
Trim evenly around a box and staple on a strip of cardboard for a handle. Cover with pretty paper and you have a basket for sweets or just to keep little things in.



Make A Cuckoo Clock

For this project you will need 2 empty pudding or jelly boxes, 2 pine cones, paper fastener, string and an ice cream stick.

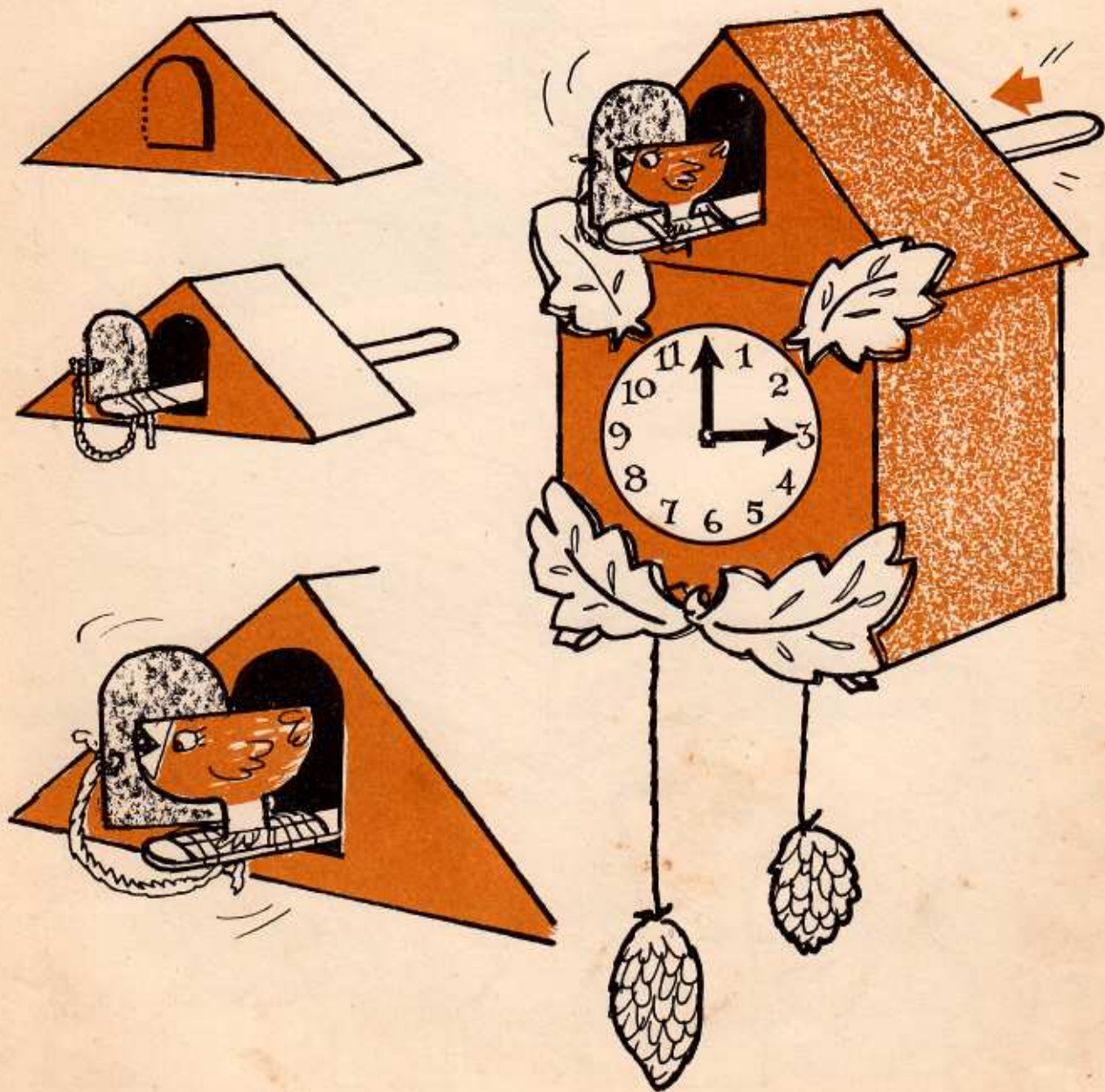
Cut two pieces of string, one 4" long, the other 7" long. Poke two holes in the open end of one of the boxes. Tie a knot in each string and pull through holes, so two strings hang down. Paint box brown or cover with brown paper. Cut a 2" circle from white cardboard. Draw a clock face on this circle with black felt pen. Cut out two hands. Use a paper fastener to hold hands together and insert through centre point of clock face. Push paper fastener through side of box to put clock face into position. Open fastener inside box. Tape bottom (with strings hanging down) closed.



Now take box number two. Cut this box as shown to get a pointed piece for clock top. Colour brown. Cut a door on one side, as shown. Fold side of door so it will open and close. At the back of this piece of box, make a horizontal slit $\frac{3}{8}$ " wide, directly opposite your door opening. Slide in the ice cream stick. Tie a $2\frac{1}{2}$ " piece of string to inside of door. Attach string to the ice cream stick about $\frac{3}{4}$ " from the end, leaving about 1" between door and stick. Now when you pull back the ice cream stick, the string should close the door. If not, adjust the length and position of string until it works.

Mount leaves and cuckoo bird on cardboard. Cut out, fold bird as shown and tape to front end of stick. Attach two boxes together. Glue leaves into position. Tie a small pine cone to the end of each of the strings hanging from the bottom box.

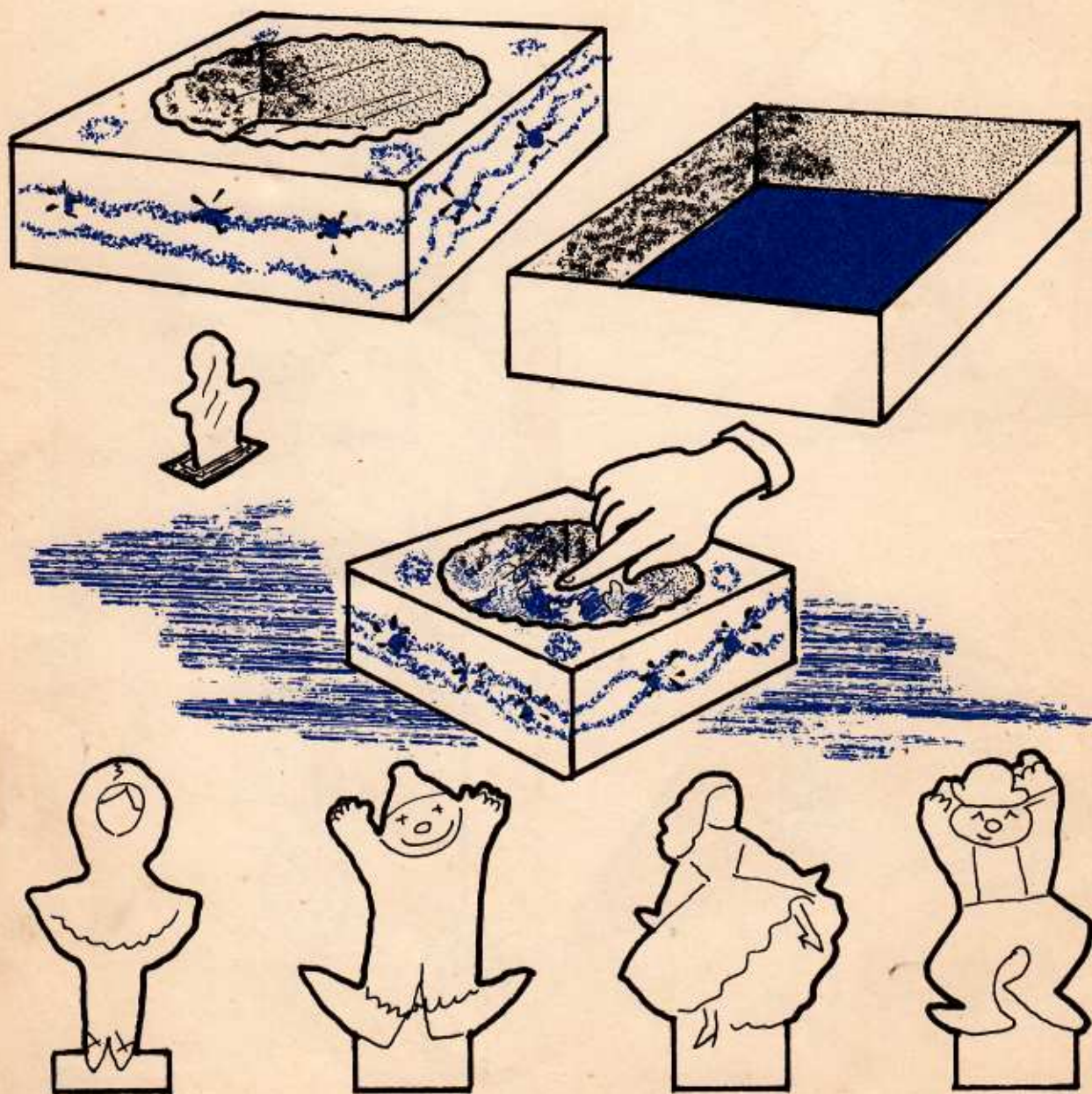
Move hands to different hours, and move the cuckoo bird in and out by pushing the stick from behind.



Elec-Tricky Dancers

For this activity you'll need an empty pie or pastry box with a transparent piece in the top. Line the inside bottom of the box with dark blue paper. To make dancers, use light coloured tissue paper. Fold several pieces to approximately the size of the patterns below. Trace on patterns of the different dancers and cut out. This will give you many dancers. For stability, paste feet of each dancer onto a cardboard piece $\frac{3}{4}$ " long by $\frac{3}{8}$ " wide.

Put dancers inside the box, replace top. Rub the cellophane top briskly to create static electricity. Soon your performers will dance.

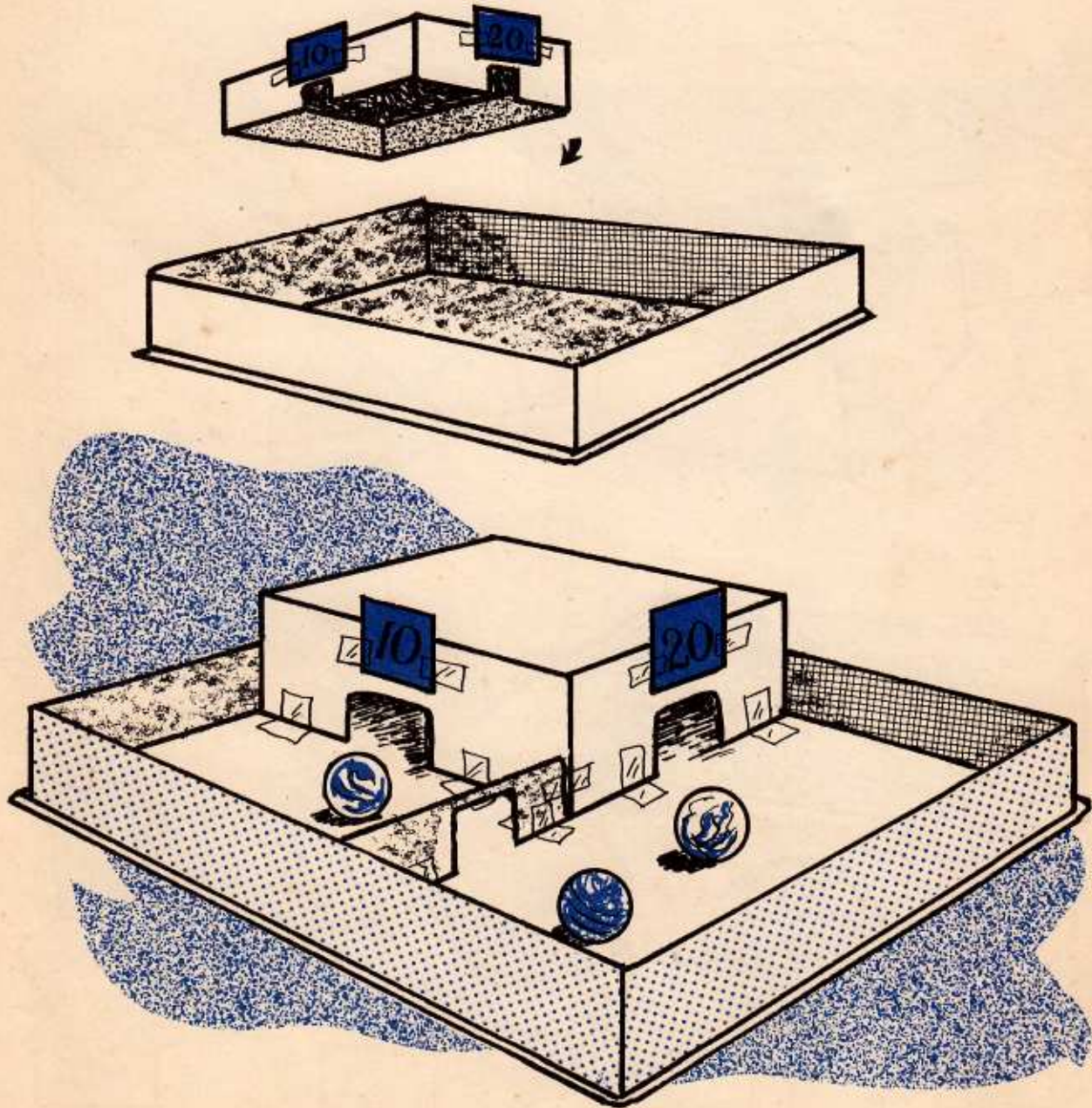


Make Them Roll

For this marble game, you'll need the lid of a sturdy box such as a chocolate box, and a smaller pudding or cigarette box. Cut one flat side off the small box. Cut two holes in the sides large enough for marbles to go into. Tape this smaller box into position as shown. Make number signs and tape in place.

If you want to make the game more difficult, put up a fence as shown.

Use three marbles or large wooden beads. Tilt cover to get them into holes. Take turns with a friend and keep score. Allow one minute for each turn.

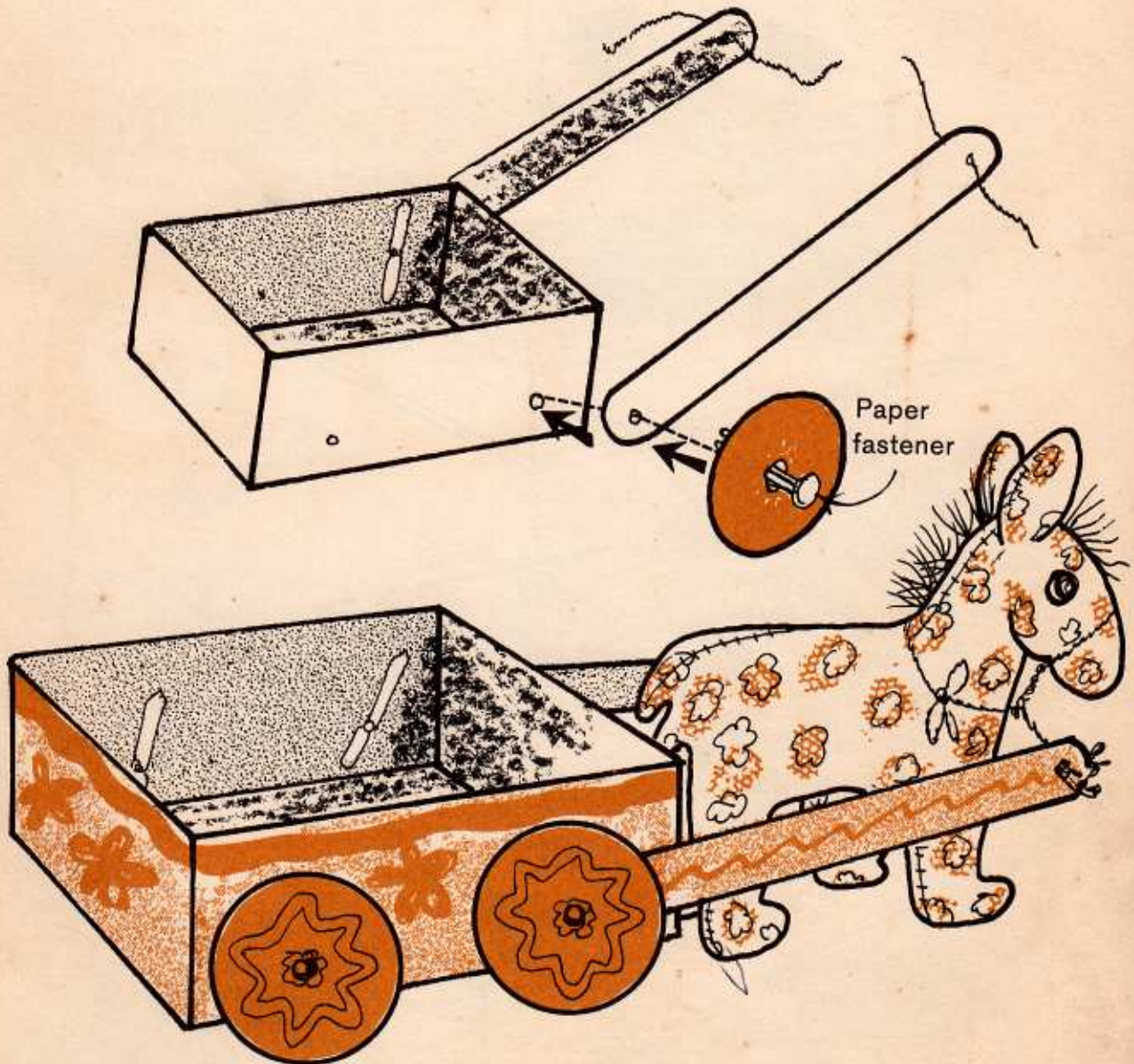


Make A Sicilian Cart

Use an empty jelly or pudding packet. Cut off one side, and cover with bright coloured paper. To make shafts, cut two pieces of cardboard $\frac{1}{2}$ " by 4". Cover these with bright paper. Round the ends and punch holes in both ends.

To make wheels cut four circles out of cardboard. Cover with gay paper. Punch hole at each centre point. Use four paper fasteners to attach wheels to cart. On front wheels, insert paper fastener through cap, through hole in one end of shaft, and then into the side of cart. Repeat on other side for front wheel. Open fasteners to keep wheels in place.

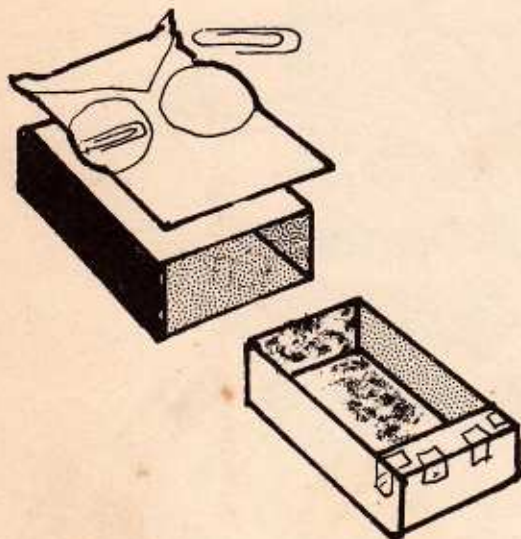
Tie coloured yarn into front holes of shafts, then tie around one of your toy animals that fits. Fill the cart with sweets.



Owl Clip Holder

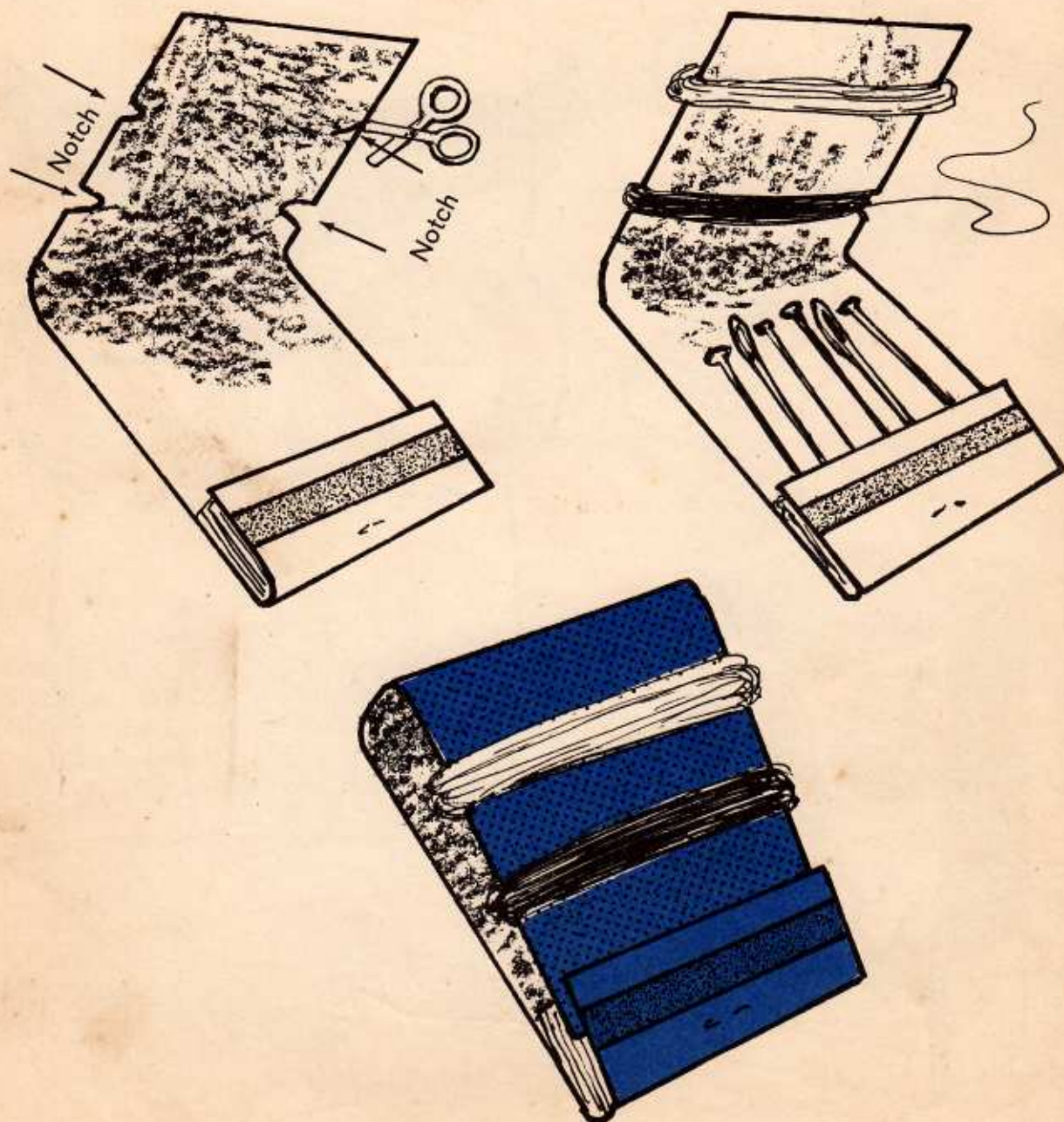
Use an empty kitchen match box, which is approximately $2\frac{1}{2}$ " x 5". Slide inside "drawer" out. Cover sides and back with black paper. Cut out owl head below and paste on cardboard. Colour and trim carefully. Now mount on box. Add two paper clips to give dimension to his eyes.

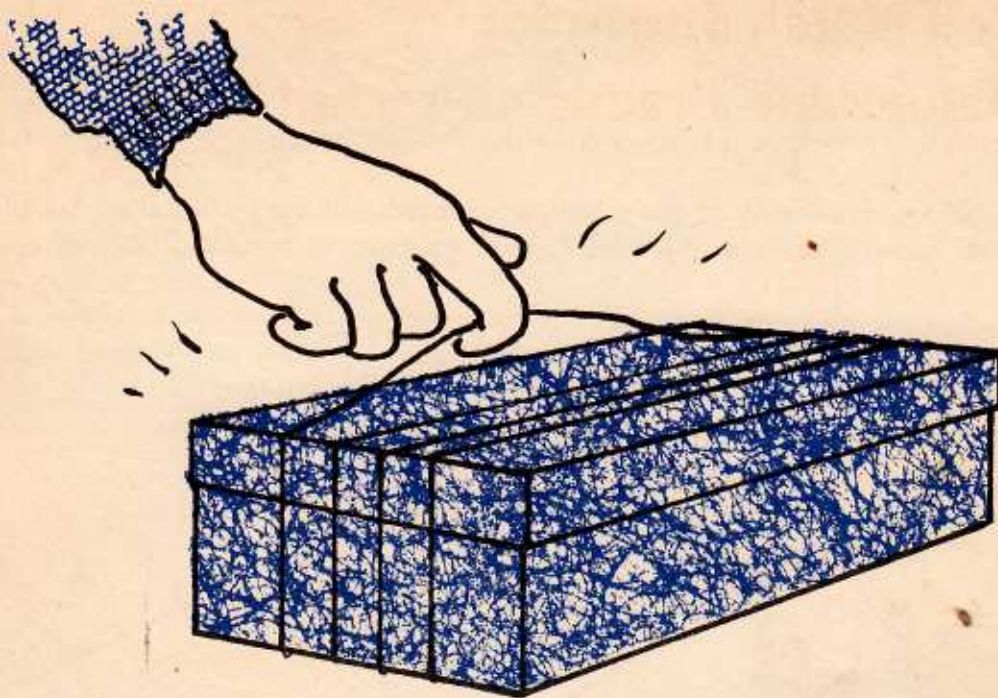
For the drawer, cut a cardboard strip $\frac{1}{2}$ " by $2\frac{1}{4}$ ". Tape into position along bottom section. Using a black felt pen, colour this barrier and $\frac{1}{3}$ up the sides of drawer section. Then put the drawer back into the outside section (with owl face on it). Leave drawer sticking out approximately 1" at bottom. Tape in place this way. Fill it with paper clips and you have a wonderful gift for your Dad to hang on the wall next to his desk.



Can You Match These for an Unusual and Practical Present ?

Empty match folders can be made into very attractive and handy miniature sewing kits for Mother's purse. Cover the outside with lovely paper or fabric. Notch as shown. Stick needles and pins into edges where the matches were. Wind black thread around the cover, through one set of notches. Do the same with white thread. Tuck cover in and your emergency sewing kit is ready to give to Mother.



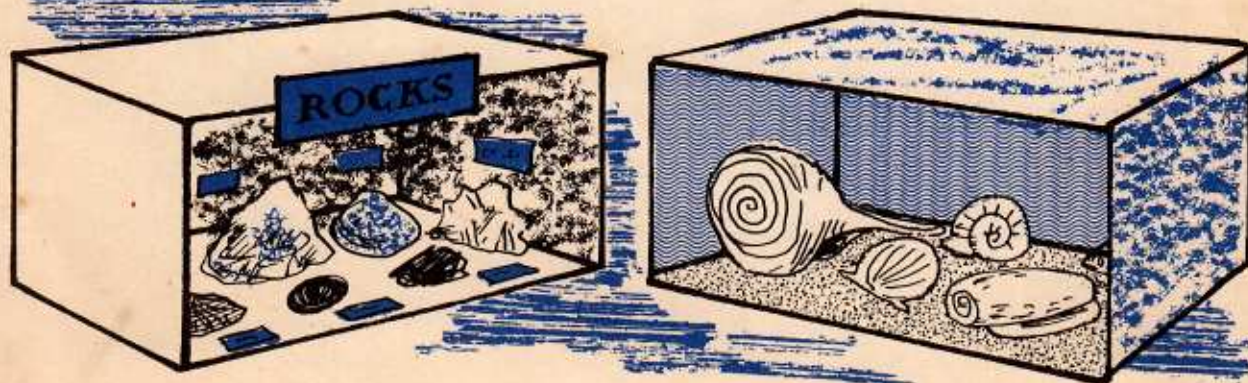


Shoe Box Fun

Shoe boxes are very sturdy but can still be cut. Gift boxes come in various weights and sizes. If your mother gives permission, you can make things from these as well. Gift boxes usually have gay colours on the outside so you won't need to decorate them.

A Noise-Maker is easily constructed from a sturdy box with a cover. Add four rubber bands. Then pluck them and they will snap back noisily.

Boxes such as shoe boxes make excellent places to display your collections. To show a shell collection, paint inside blue and paste sandpaper on the bottom. If you have a rock collection, paste in bright coloured labels for your specimens. Cellophane wrapped around the box will help keep out the dust.



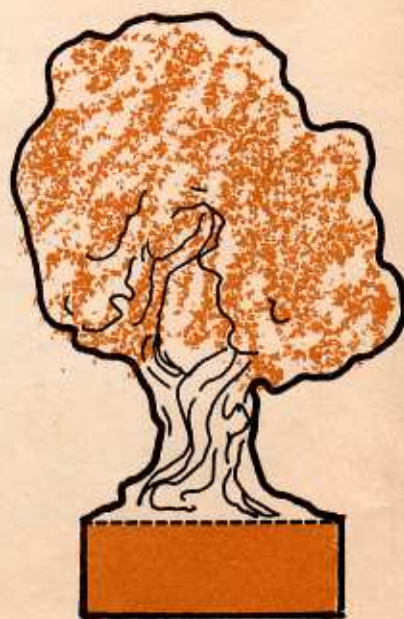
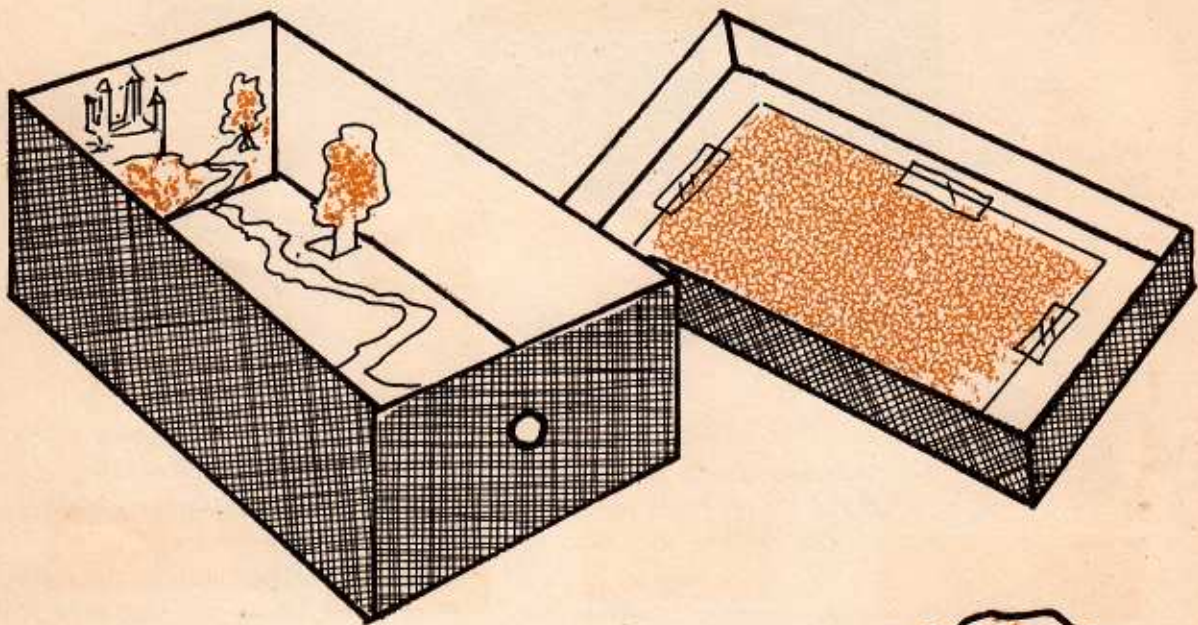
3D Shoe Box Peepshow

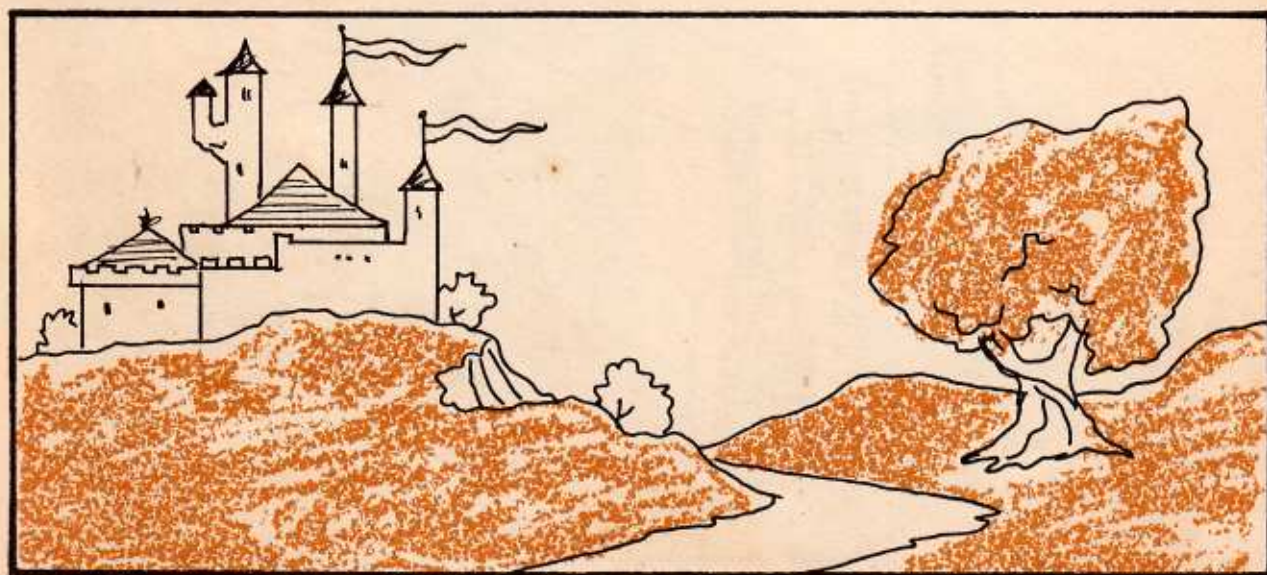
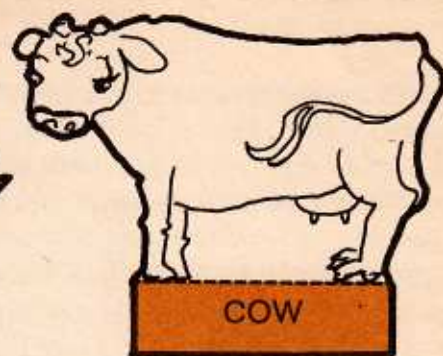
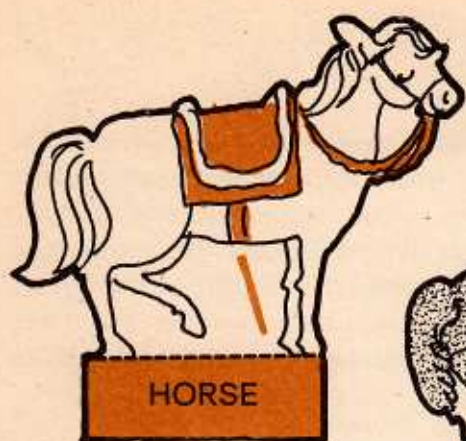
Remove top and cut opening 1" from side all around. Tape a piece of blue tissue paper on the inside.

Cut a small round hole in short side of bottom, as shown. Cut out picture at bottom of opposite page and paste into position, opposite hole. Paste green paper to bottom of box. Draw a path in brown.

Mount remaining pieces on cardboard. Cut out whatever figures you wish, to show a favourite fairy tale. Fold bases back and tape into position. While assembling your scene, check peephole frequently, making sure no figure hides another. Hang bat by black thread from the top.

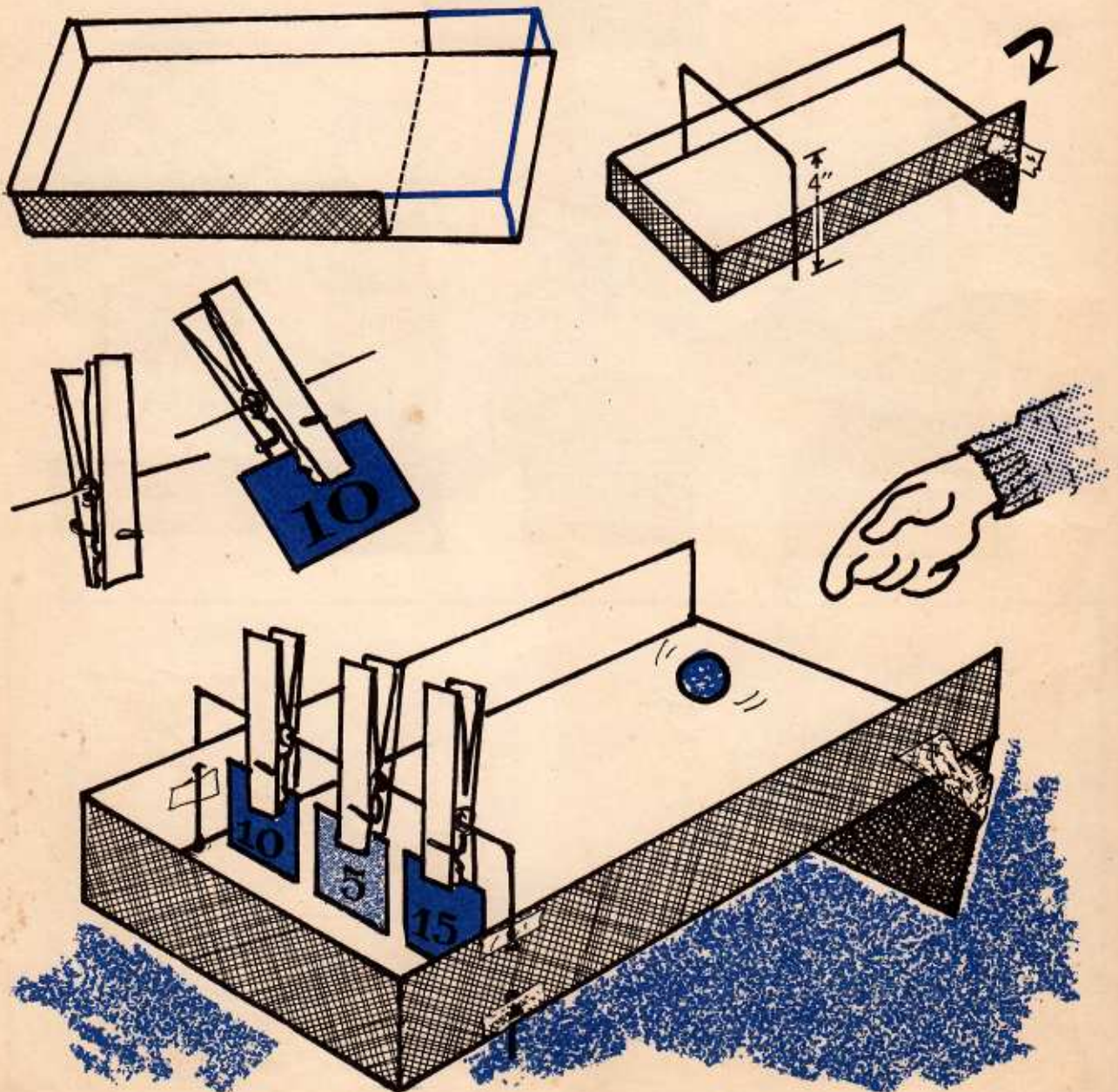
When completed, replace top, hold under a light and peep in hole.





Knock the Numbers Game

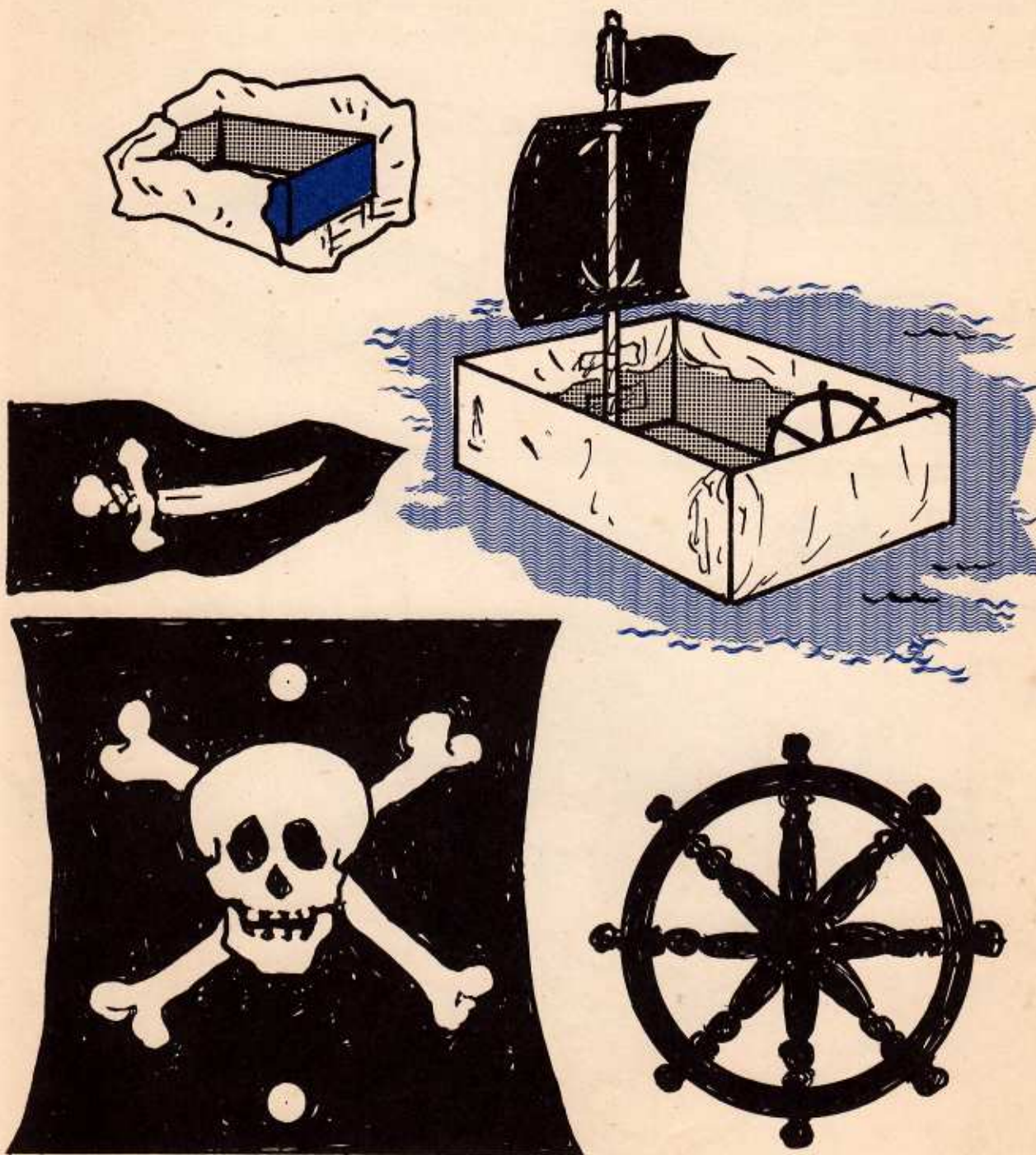
To make this game, you will need a large, long box, such as a dress or gift box. Cut end and fold as shown. Tape in position. You will need a piece of copper wire. To determine length needed, allow 3 to 4 inches for each side plus the width of your box. Slip wire through the spring of 3 clip clothes pegs. Cut three pieces of cardboard $1\frac{1}{4}$ " square. Cut numbers 5, 10 and 15 from an old calendar, or letter them on. Paste numbers to your cardboard squares. Clip these on clothes pegs. Bend wire to fit across the box, high enough so that the number squares barely miss box. Push wire ends through ramp and tape securely in place. Take turn rolling marbles down the ramp. Keep score. 200 points wins.



A Jolly Roger Ship

Use a shallow box. Trim top edges even. Cover with aluminium foil and tuck over top edges. Crush foil around corners to keep box waterproof.

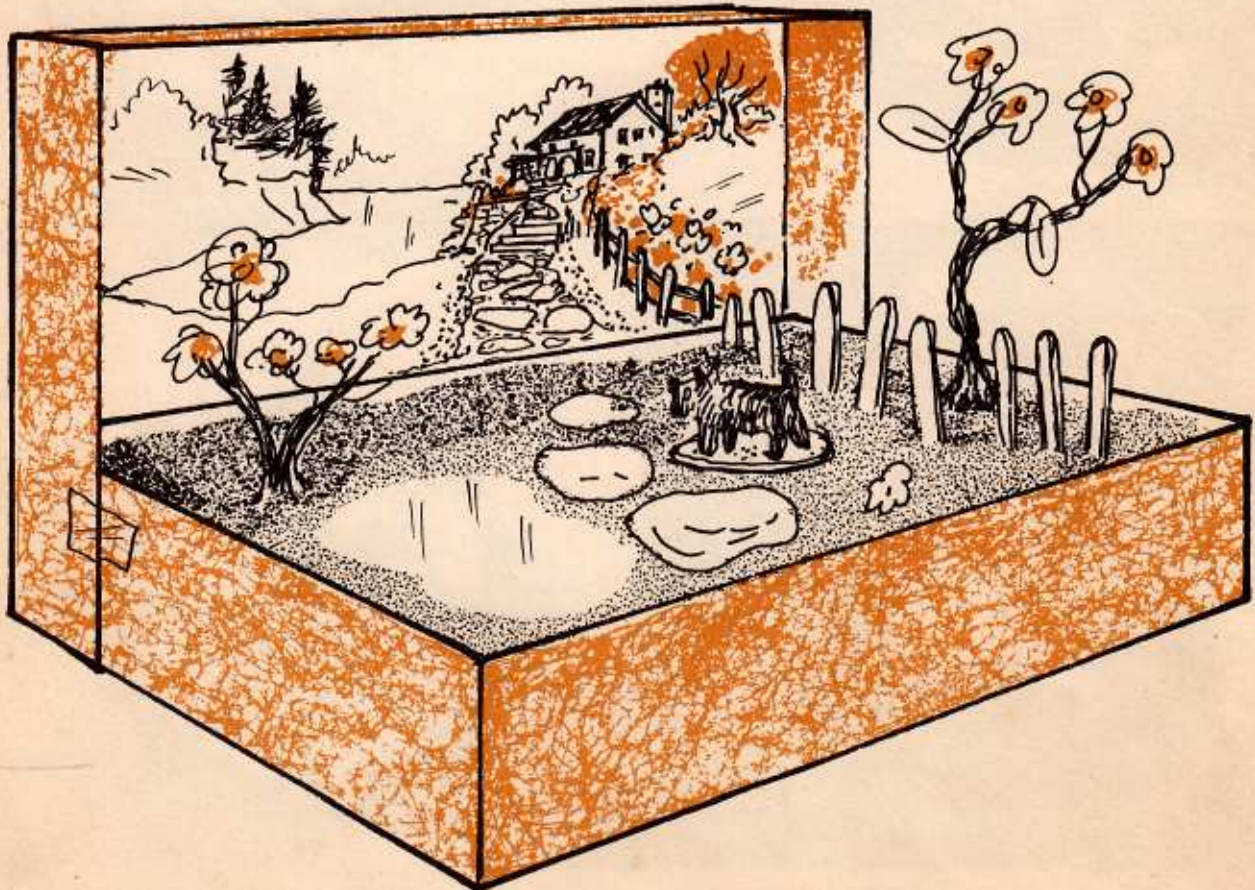
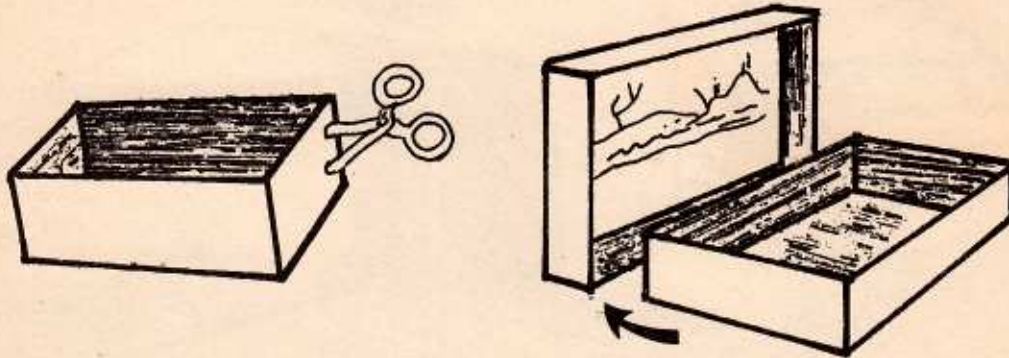
Cut out flag and sail. Use a soda straw for mast, punch holes in sail and thread mast through. Tape flag to top. Tape mast securely into position. Mount wheel on cardboard, cut out and tape to opposite end. Your Pirate ship is ready to sail the bounding main of your bathtub.



Landscape Picture

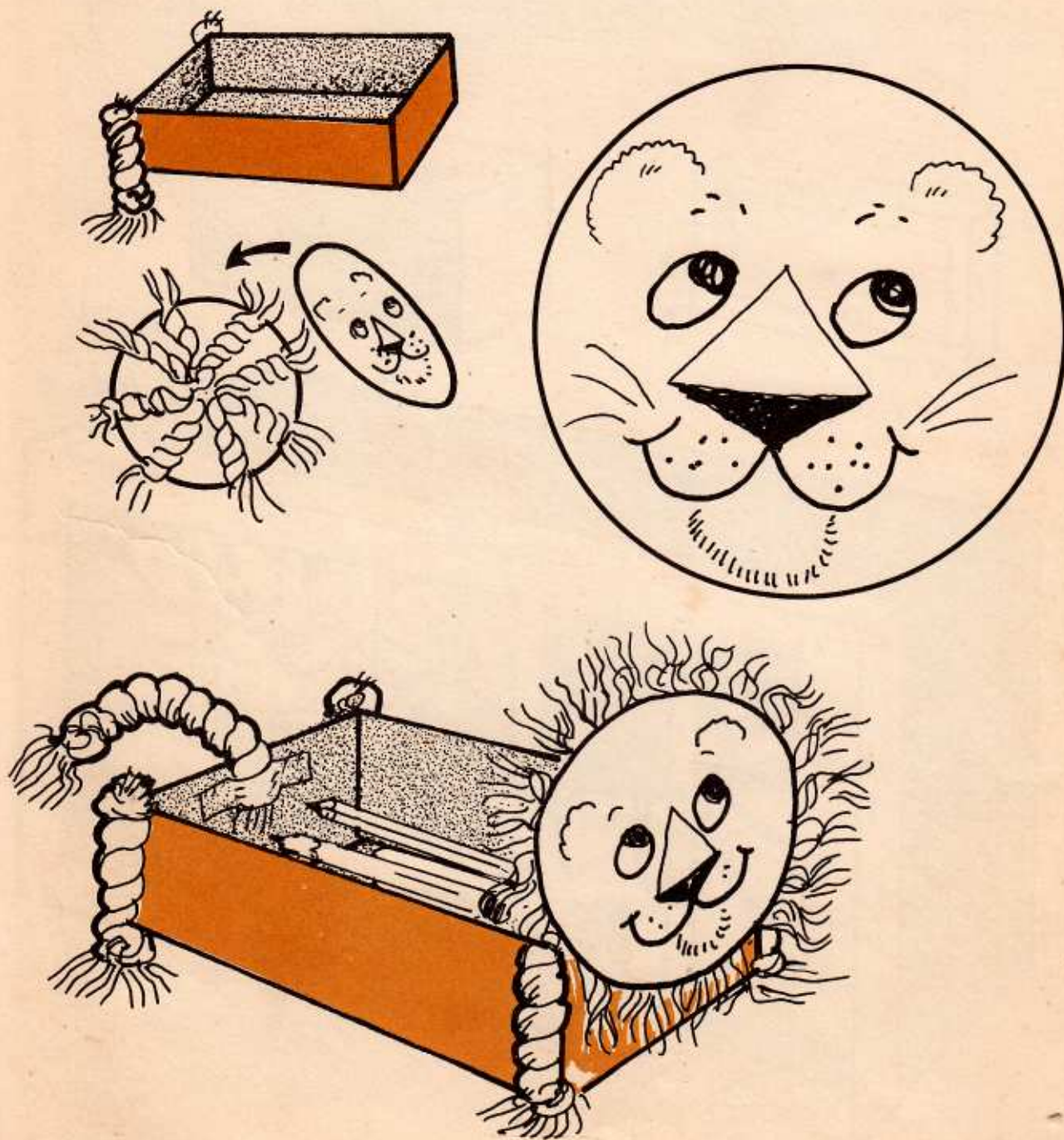
Cut a shoe box down to about 2" high all around or find a box with similar proportions. Any box with a solid separate cover will do. Set box top at back as shown. Tape in place. Find a lovely landscape in an old magazine to fit area at the back. Cut out and paste in place inside cover.

Line inside of bottom of box with aluminium foil. Fill box with sand. Now create a scene in front that will go with and look like part of picture in back. Use twigs, artificial flowers, little rocks, pebbles, shells, small mirror (for pond), toy figures, etc. If you have a snow scene, a layer of salt on top looks like snow. Use your ingenuity and see how good a scene you can make.



A Lion's Catch-All

Cover a sturdy box (such as a sweet box) with brown paper. Cut 4 pieces of heavy twine about 6" long. Tie knot on one end of each. Glue to the four corners of your box. Trim excess. These are your lion's legs. Paste face below on cardboard. Cut out. Cut another cardboard circle the same size. Cut twine for mane 1 1/4" long; as many pieces as you like. Unravel them to look like mane. Paste around on back circle as shown. Now paste face circle over this. Glue or staple to front of box, add a rope tail. Fill your box with papers or pencils or whatever you like to keep.

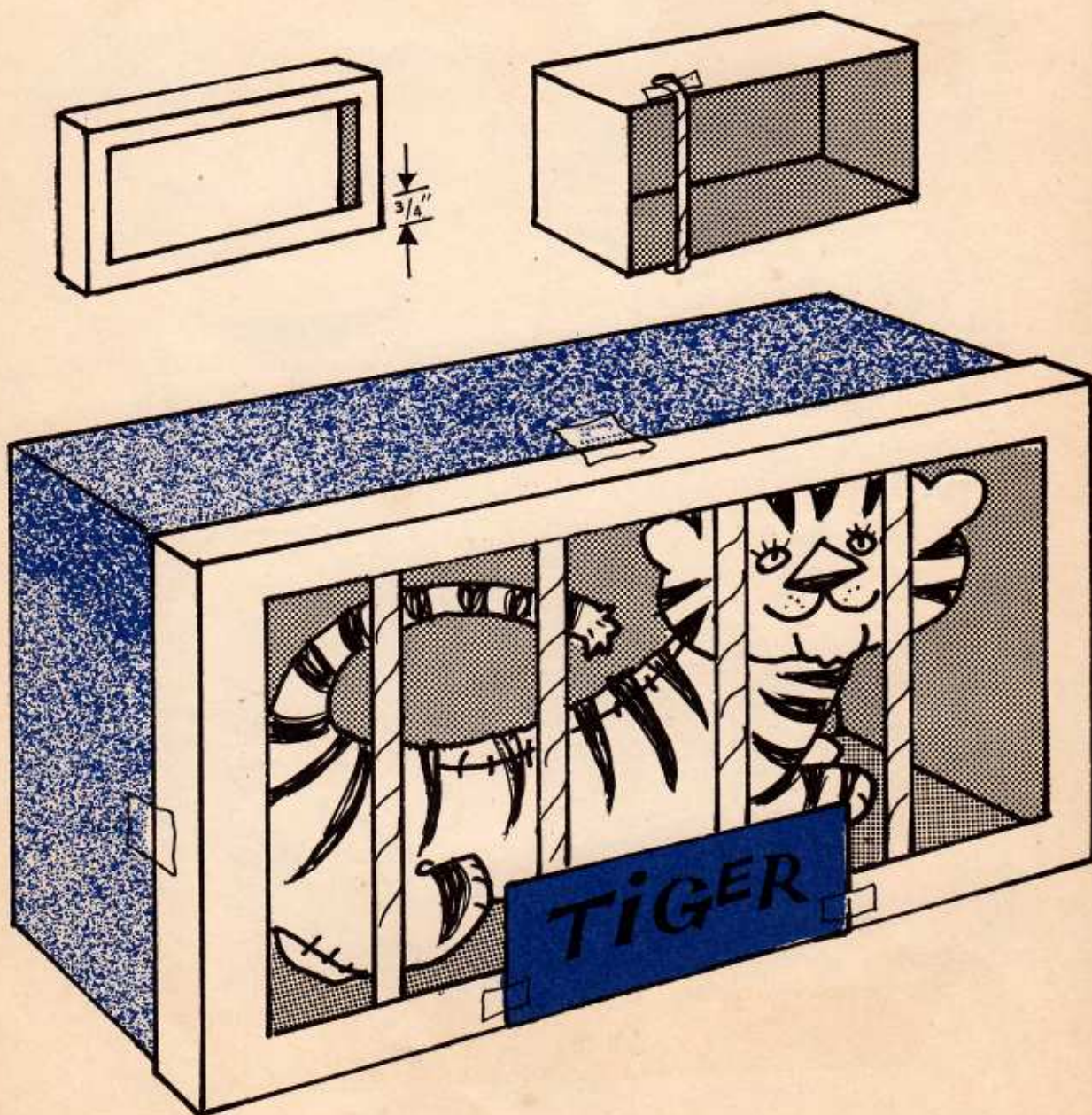


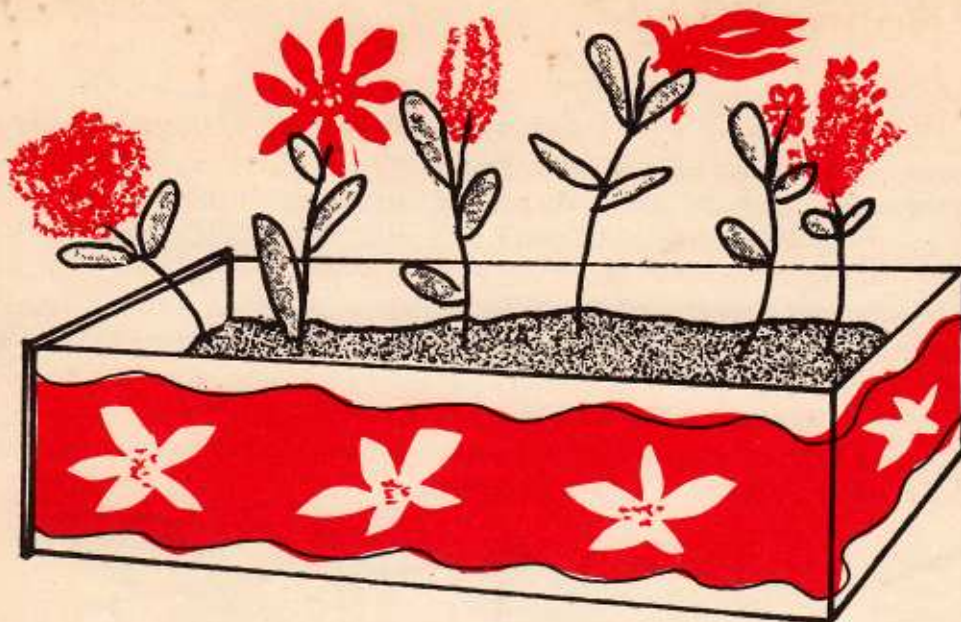
Cage a Roaring Toy

Shoe boxes or similarly shaped boxes make excellent cages for small stuffed animals. Cut a "window" in the cover, cutting $\frac{3}{4}$ " in from the edge on all four sides. Place box on side. Cage the toy animal. For bars, use coloured straws long enough to extend slightly over top and bottom. Crush tips and tape into position. Crush tips and tape into position.

Replace cover of box with window cut in it (this is the side you look through). The cover should cover the ends of straws and help hold them in place. Tape cover in place.

For name piece, cut cardboard 1" x 5" and paste it on the cage, as shown. Letter the animal's name. Make as many cages as you like for a circus or a zoo.





Make the Best of ...

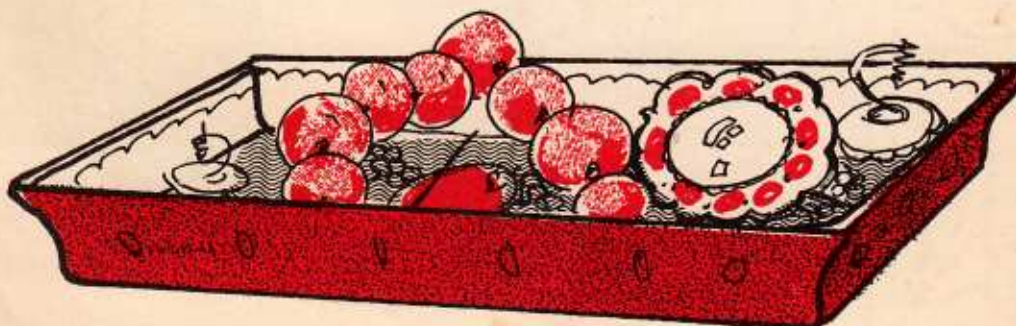
Egg and Milk Containers and Food Trays

Some containers come with either plastic or waxed surfaces. On the waxed surfaces you may need to apply liquid detergent to prepare the surface for painting.

Because they are waterproof they make attractive plant pots. Cut off one side, cover with pretty paper, and grow seedlings inside.

Egg cartons are often made of moulded papier-mâché. These are easy to cut and colour. All sorts of things can be made from this material.

Your local supermarket sells many items wrapped in pressed paper trays. Decorations can be painted or glued on so they make neat little trays to hold pencils or jewellery.



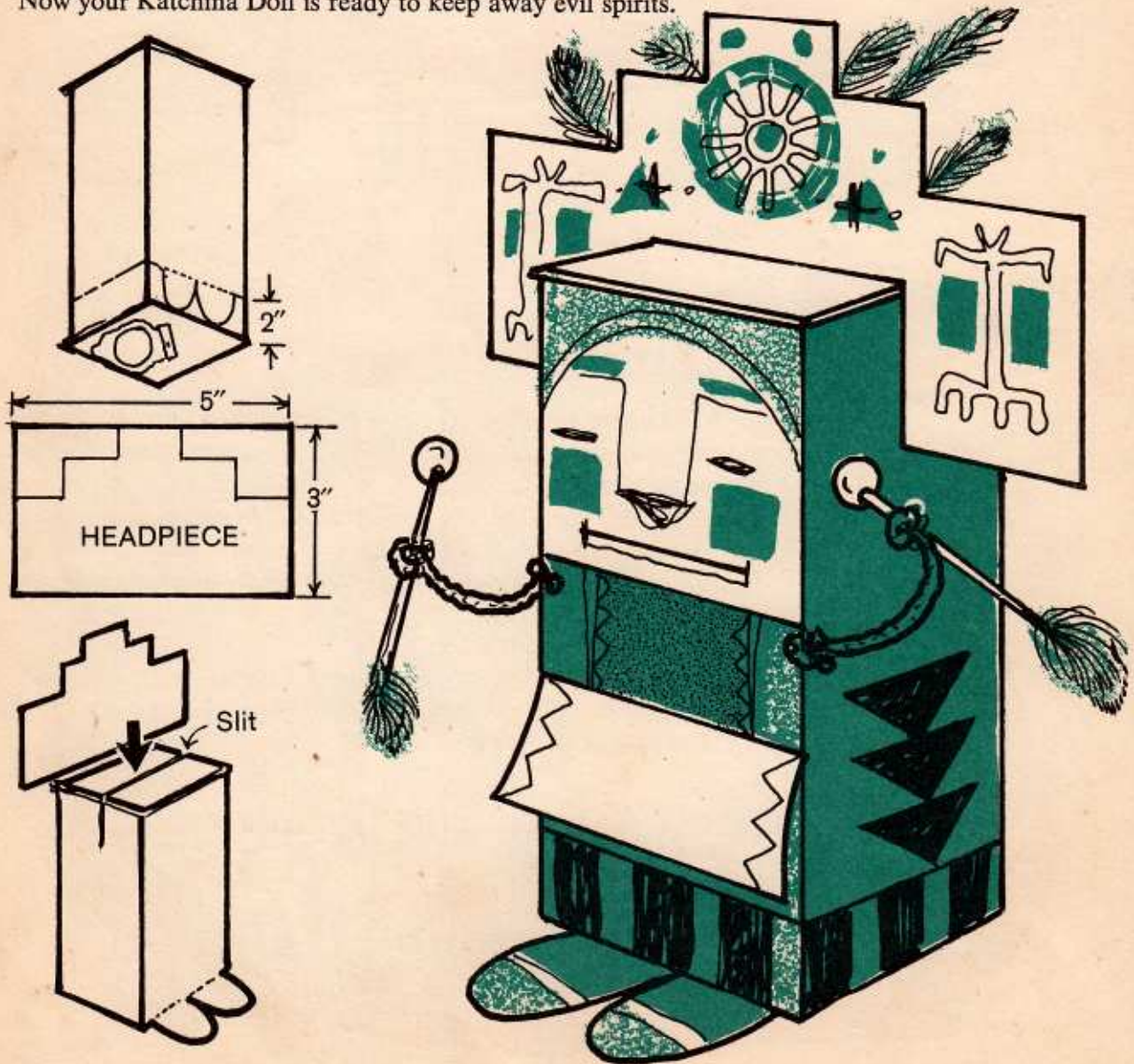
Make a Katchina Doll

You can make this colourful Indian doll from a large size oblong-shaped carton or a similar container. Clean and turn upside-down. Cut away on three sides 2" from end. On remaining panel, draw foot shapes, and cut around them. Fold up.

Next, cut slit across top of doll (formerly base of carton) and 1" down into sides. Cut cardboard the size and shape shown for head dress. Cover with bright coloured paper. Use felt pens to draw designs. Slide headpiece into slit.

Cover body with bright paper, different from headdress. Draw on features. Paste on white apron-like piece. Use brightly coloured pipe cleaners to make arms. Poke holes in corners of carton at proper height. Insert pipe cleaner and twist firmly to hold.

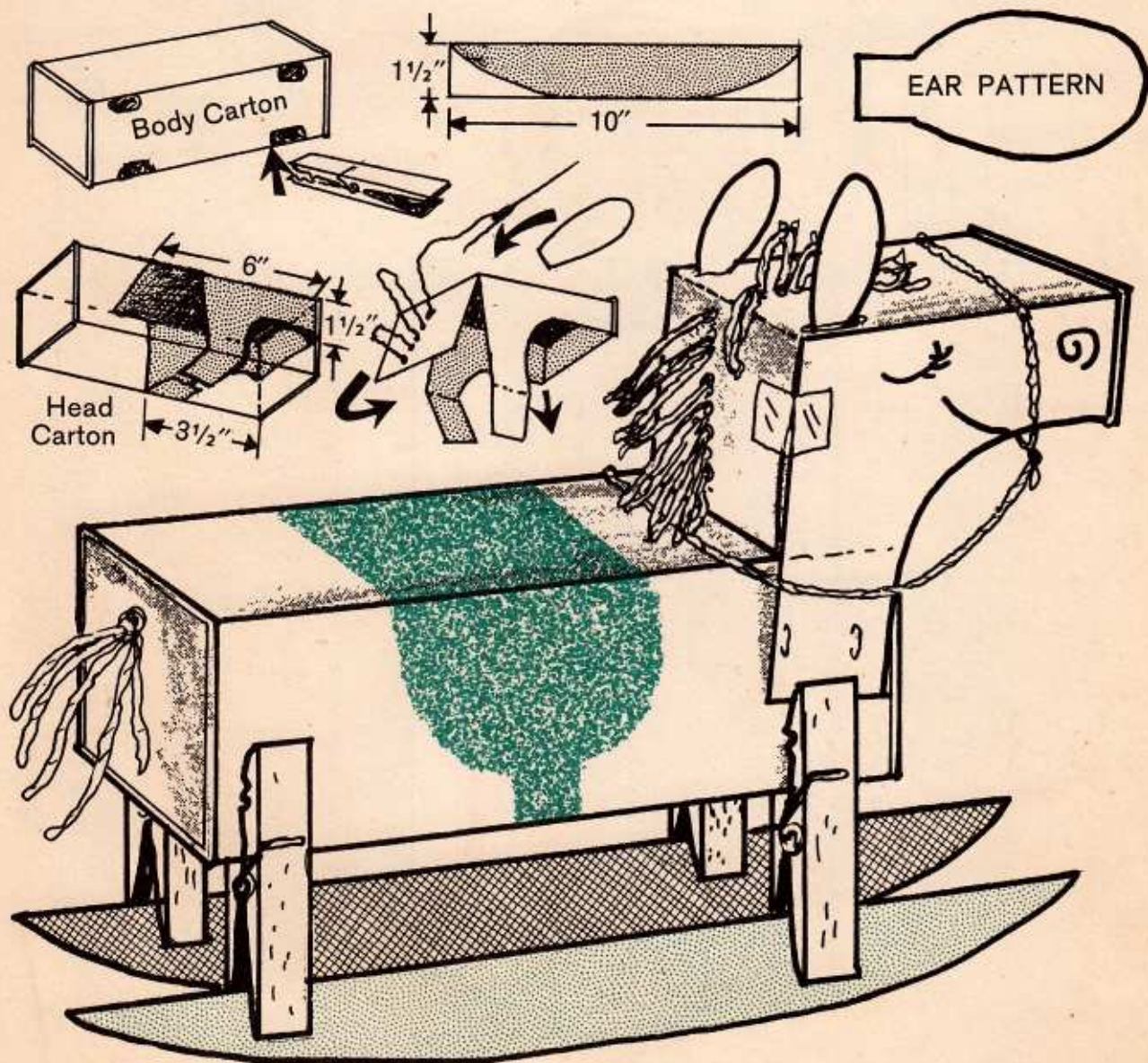
For rattles, use two toothpicks with a large bead glued to the end of each. Glue a tiny feather to other end. Attach to arms by twisting pipe cleaners around toothpicks. Add feathers to headdress. Now your Katchina Doll is ready to keep away evil spirits.



Roxy the Rocking Horse

You will need two flat-topped large size cartons and 4 clip clothes pegs. Paste brown paper on all four flat sides of one carton. Cut 4 holes in corners large enough for clothes pegs. Clip clothes pegs on for legs.

For head, use the other carton. Cut as shown and cover with brown paper. Draw mouth and eyes. Using ear pattern, cut two ears of brown cardboard. Cut slits in top corners of head, insert ears and tape in place. For mane, use yellow yarn and a large needle. Poke in and out, leaving 2" of yarn sticking out each time. Dab glue on inside, or tape the yarn to hold it secure. Now clip outside pieces at end of each loop. Fluff up to look like mane. Slip head onto body and staple in place. The front clothes pegs will also help hold it in place. Add string halter. Glue on a yarn tail. Cut saddle of bright paper and paste on. For rockers cut two pieces of cardboard 1" wide by 10" long and curve as shown. Glue to feet ends of clothes pegs. Now rock him gently.

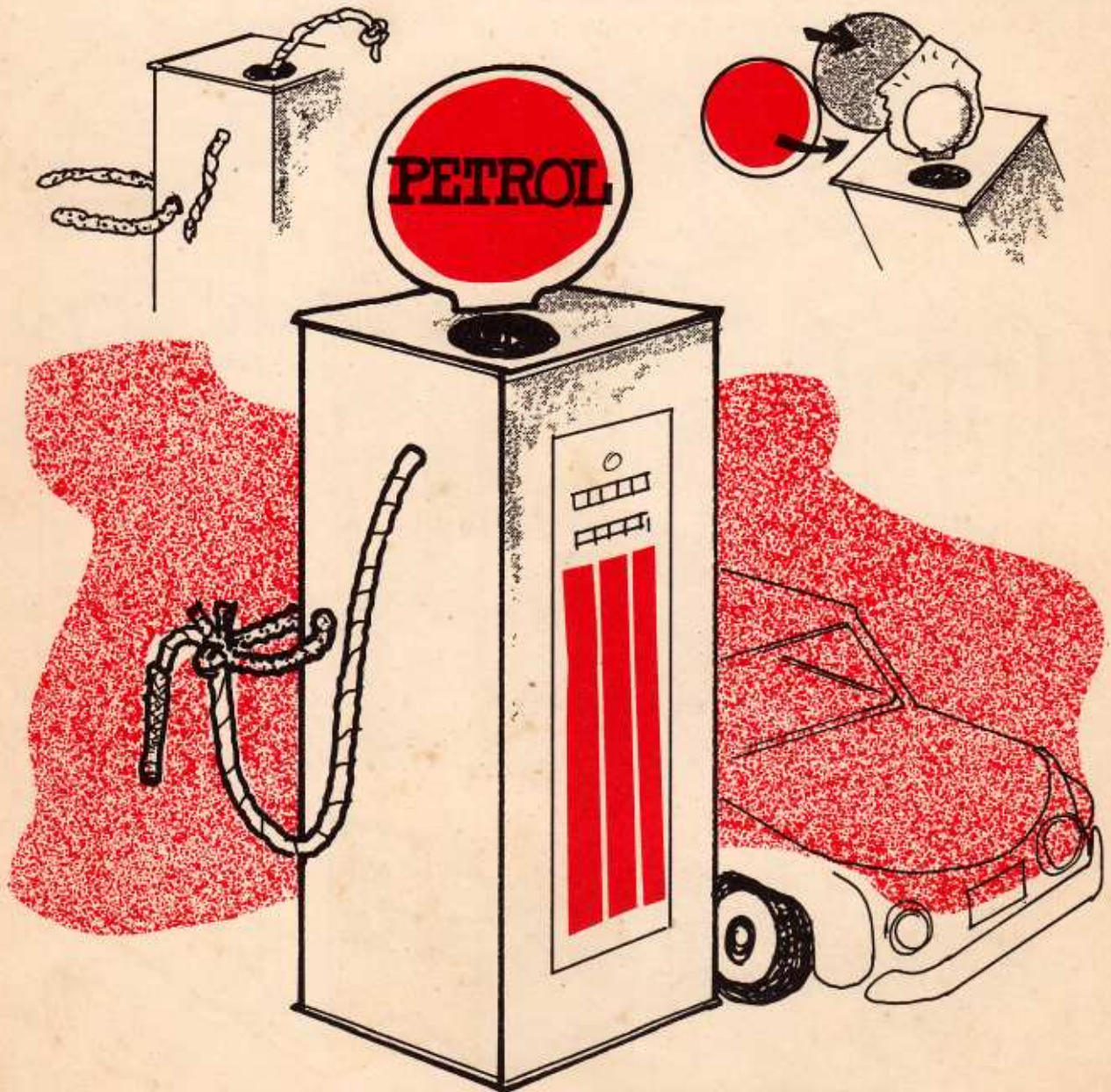


A Petrol Pump

Use a flat-topped oblong-shaped carton. Cover with bright red paper. Cut a piece of rope or string about 8" long for "hose." Knot one end. Make a small hole in side of carton. Put other end of string down through the pouring spout and poke out through the hole. Pull "hose" through; knot should hold it in place. Crush a small piece of foil around tip for nozzle.

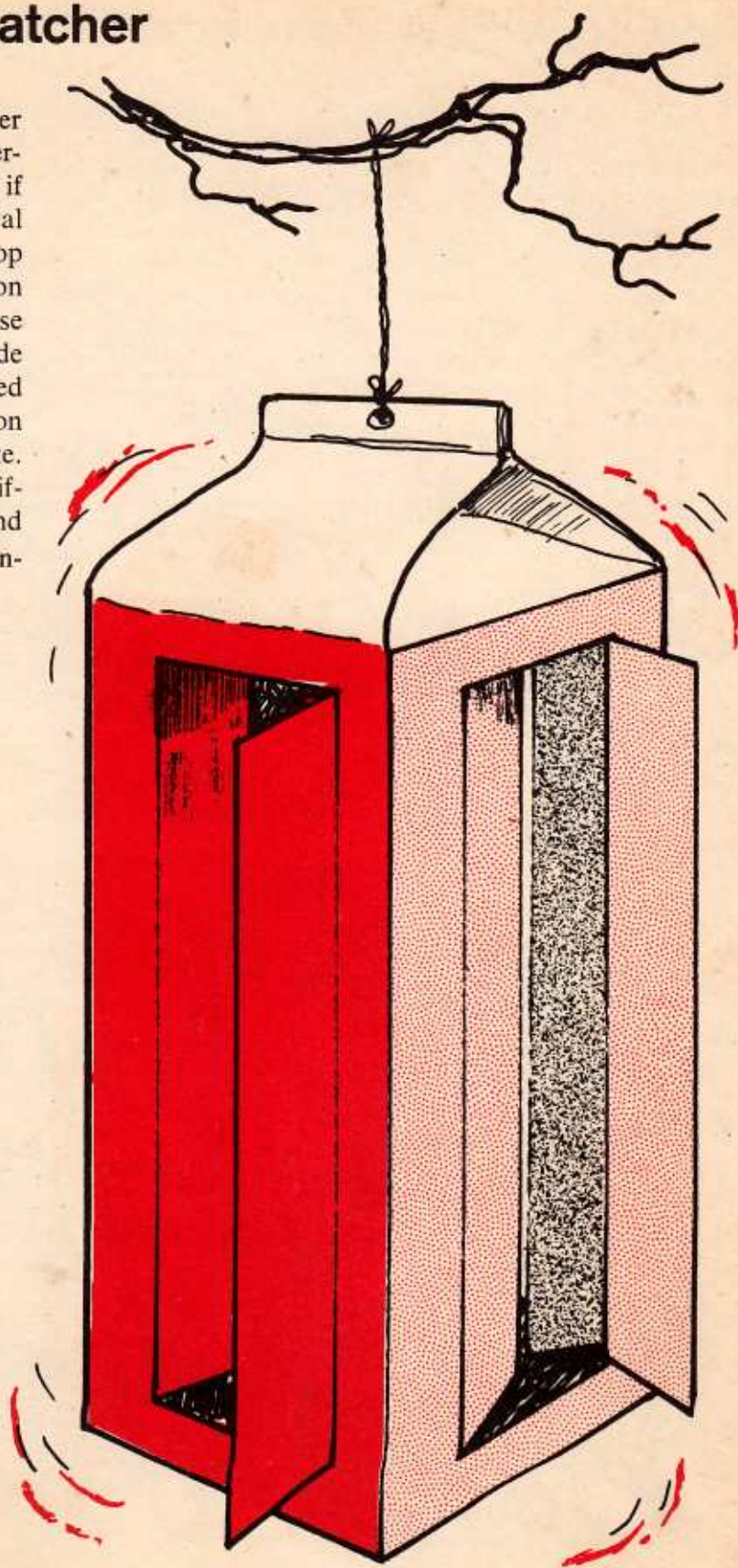
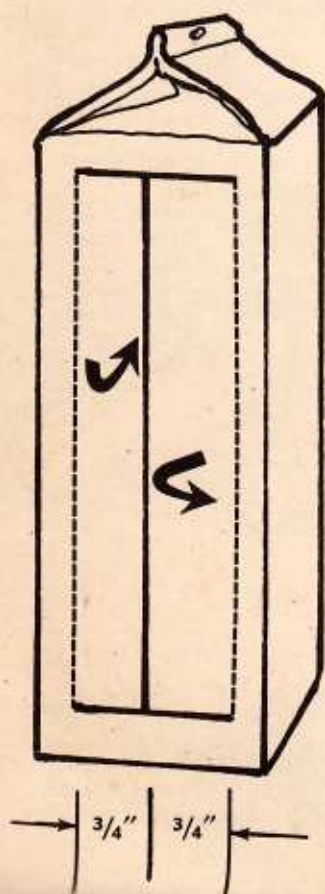
On back corner about halfway up, poke holes as shown and insert end of a pipe cleaner. Twist on outside and make a loop for it to hold your "hose."

Stand up the pouring spout cover and paste or staple "Petrol" signs on both sides. You can letter these or cut them out of old magazines. Paste a white panel in front for the petrol indicators. Now you are in business to supply all of your toy cars and trucks.



Japanese Wind Catcher

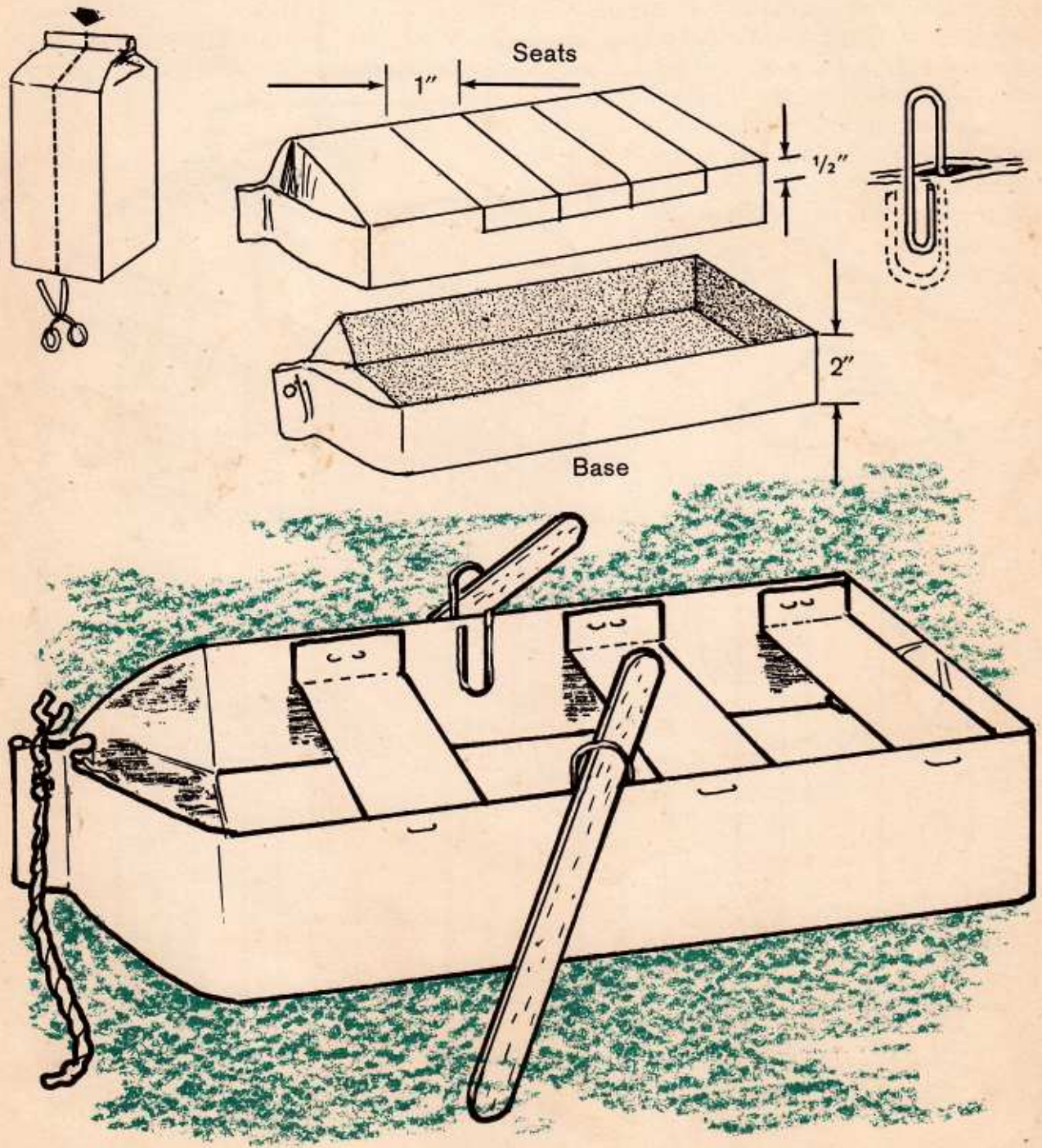
Use a peaked-top milk carton. Cover the four different sides with four different bright colours. Use cement if paste doesn't hold. Make a vertical cut at centre of each panel. At top and bottom ends, cut $\frac{3}{4}$ " back on both sides of centre cut. Fold these vertical panels, left side in, right side out. Punch hole in centre of peaked top, tie a cord through and hang on a tree. It will twirl in the breeze. Make several wind catchers of different colours and hang them around your garden for a festive touch whenever there is a breeze.



Row-Row-Row Your Boat

Use a peaked-top large size milk container. Lay flat on side. Cut it all round 2" from bottom as shown. Cut three seats from remaining piece, each 1" wide. Staple in place.

For rowlocks, insert long end of a paper clip in between cardboard layers, one on each side. For oars, slip ice cream sticks through the paper clips. Now you are ready to row the boat in your bathtub.



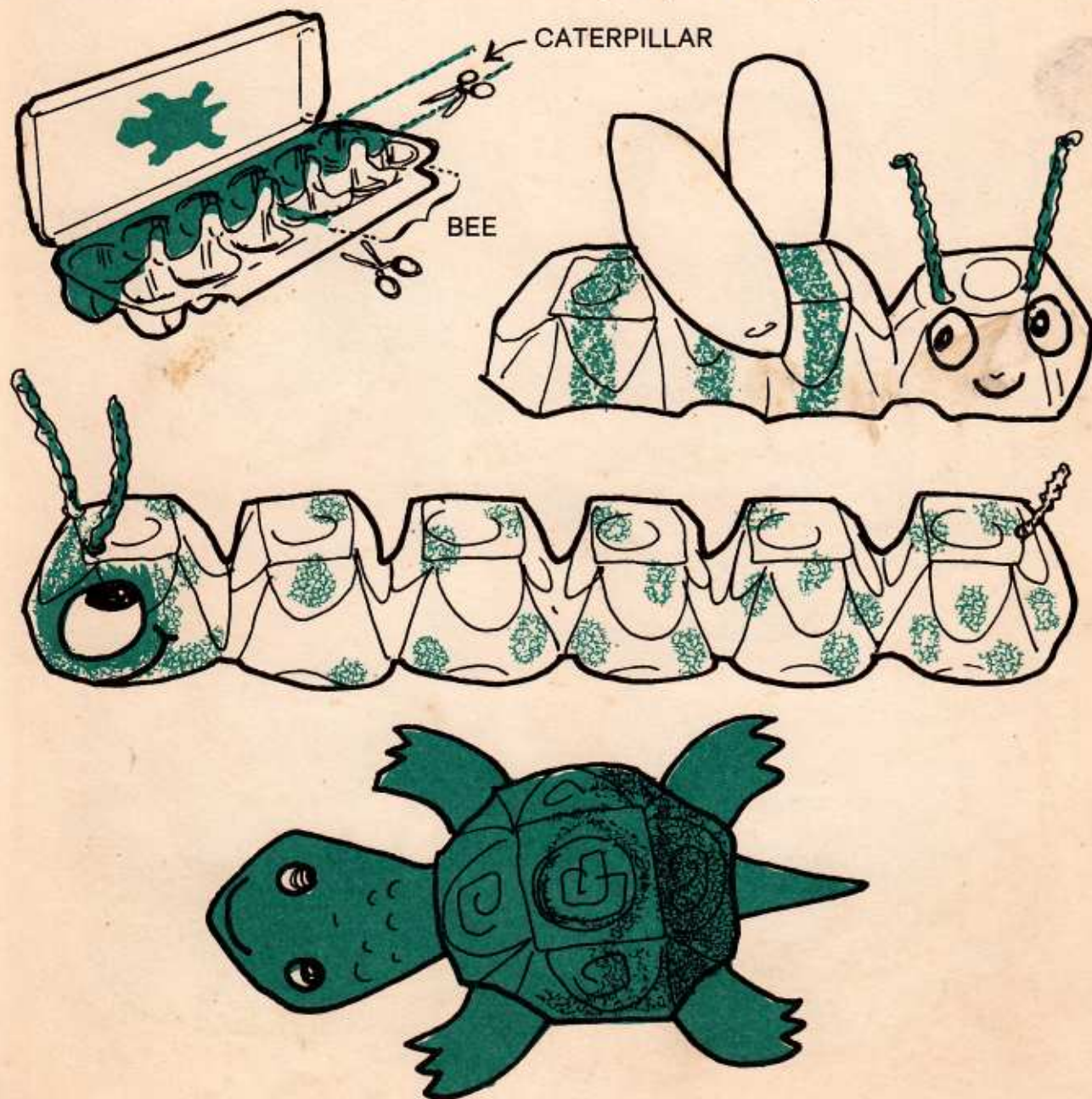
Egg Carton Oddities

All sorts of weird creatures can be made from pressed paper egg cartons.

A Caterpillar is made by cutting the carton in the middle lengthwise. This leaves six sections joined together. Trim neatly and paint. Add eyes and mouth. Antennae and tail piece are made of pipe cleaners.

A Bumble Bee is made of 3 sections. Cut wings out of white paper and staple into position. Paint face and stripes. Add pipe cleaner antennae.

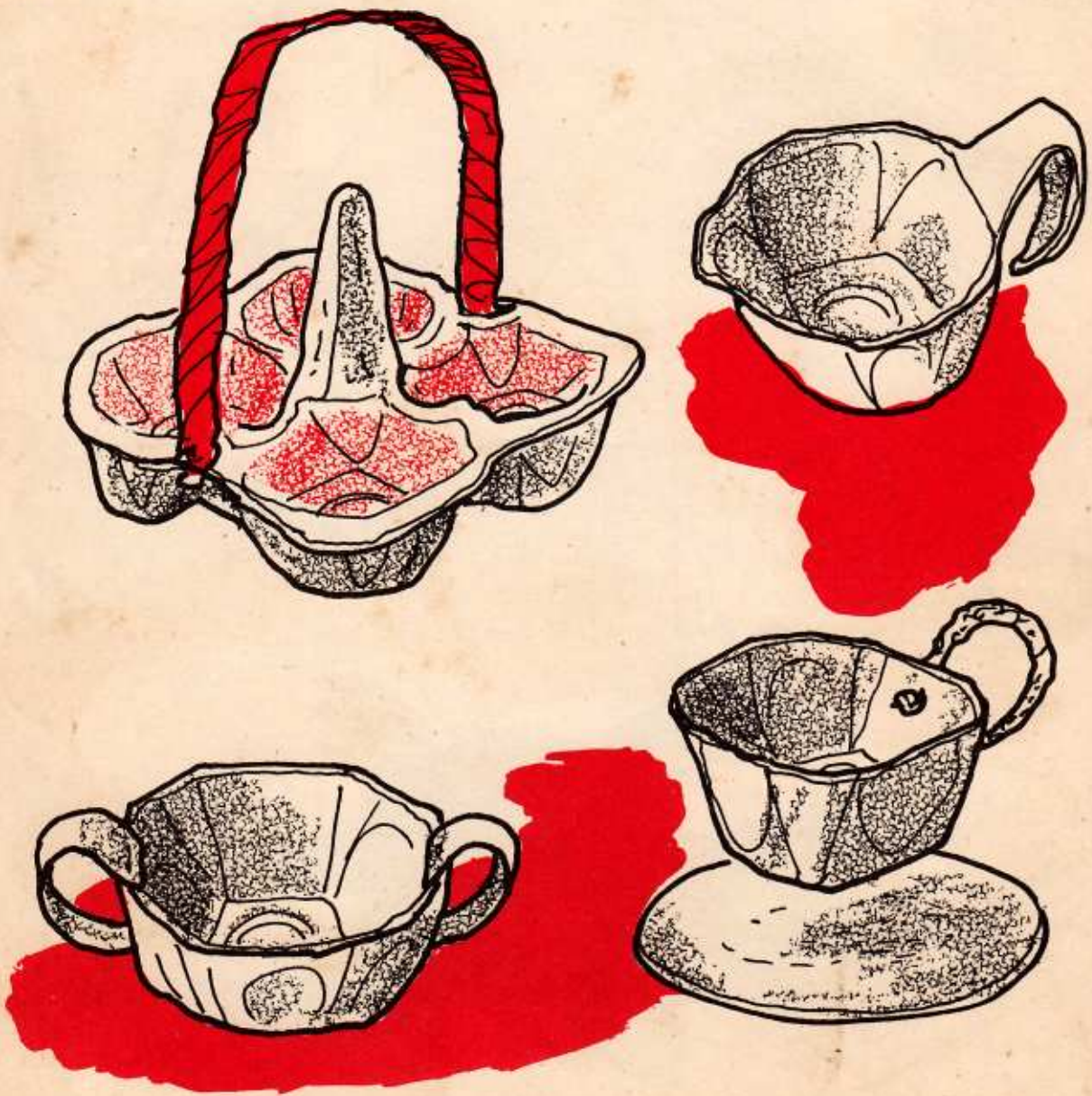
For a Turtle, use one cup section only. Lay this on lid section of box and trace around it. Draw feet, head and tail. Cut out. Paste cup section to it and paint green. Draw eyes and shell decorations.



Have a Tea Party

For the Nut Cup, cut out a 4 piece section of the egg carton. Spread paste inside of cups. Take 1" strips of brightly coloured crepe paper and work it down into the cups until the inside is neatly covered. Trim off excess. For handle, cut a strip from the lid section $\frac{1}{2}$ " x 10". Spread with paste and wind crepe paper around it. Staple handle in place.

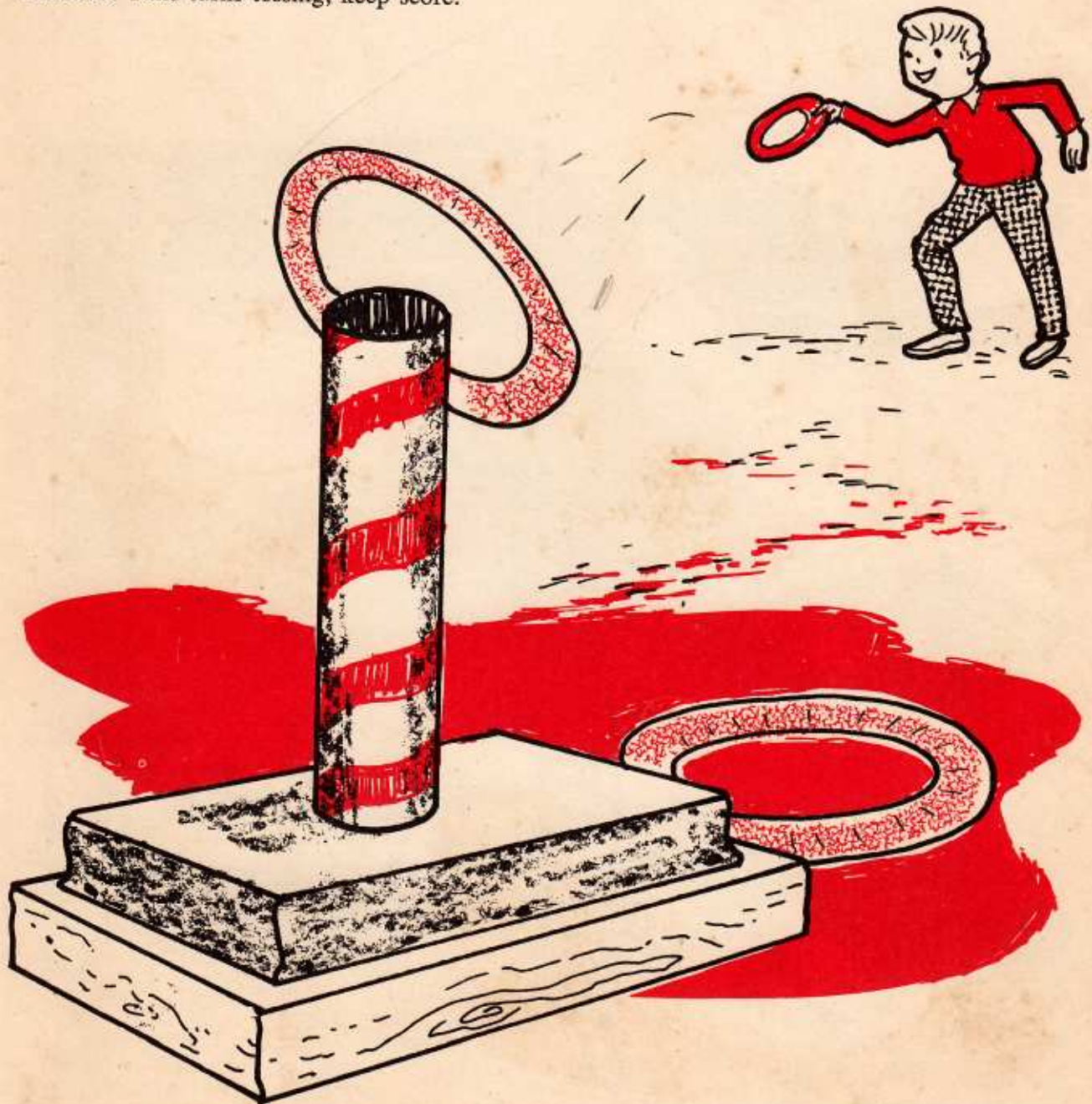
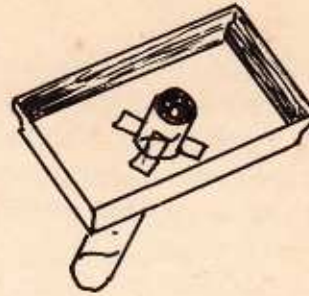
Cups for your dolls can be made from one cup section. Paste on handles or use pipe cleaners. Decorate cups with felt pens. Using a compass, draw circle $2\frac{1}{2}$ " diameter on lid of box, Cut out and decorate for saucers. Make as many cups and saucers as you like.



Make a Toss-the-Ring Game

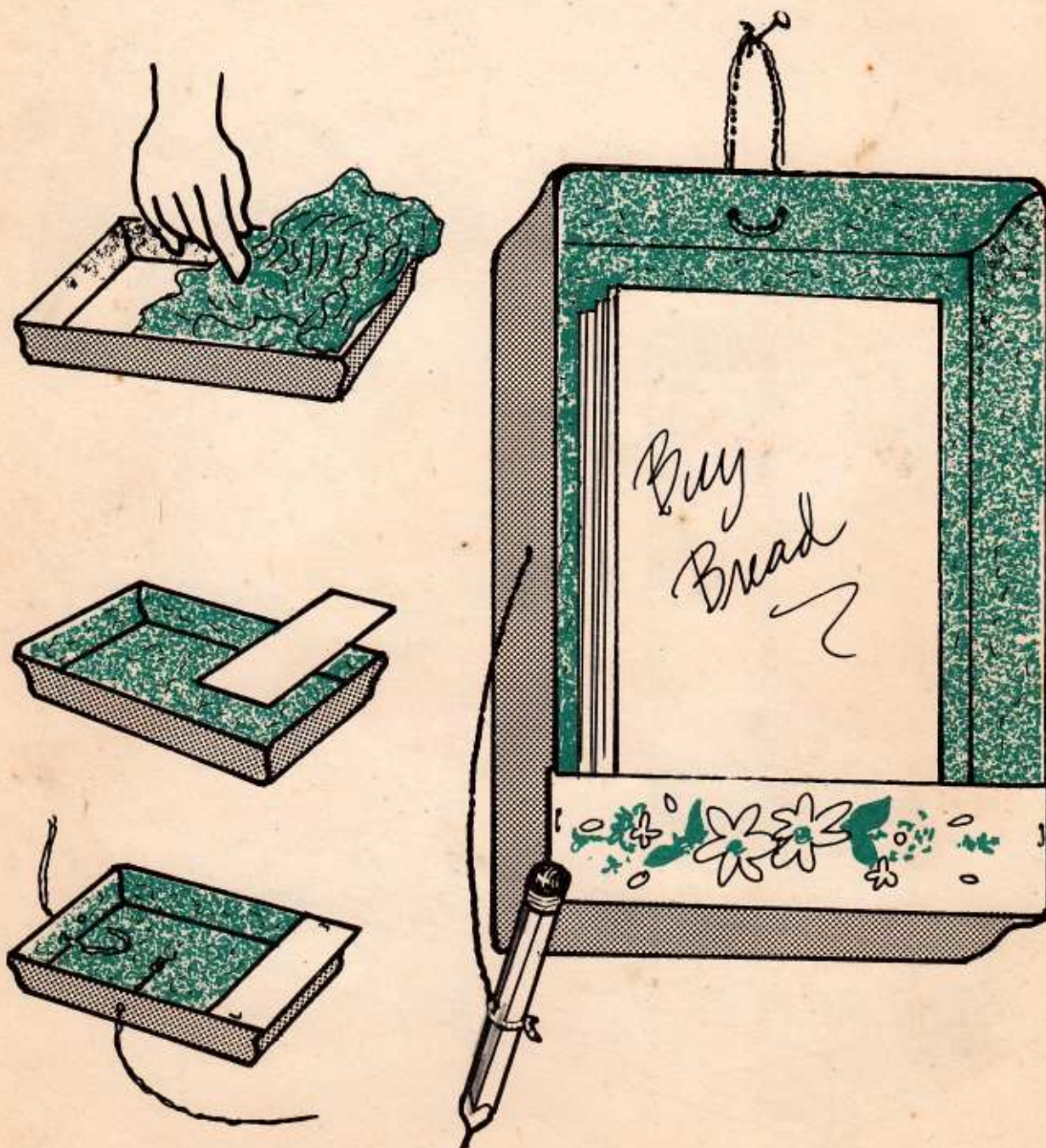
Use a fairly deep, pressed paper tray and a waxed paper tube for the pole. Cut a hole in centre of tray so tube fits in tightly. Insert tube and tape on underside. Wind colourful crepe paper around tube and paste. To make base sturdier, tack edges of tray to a block of wood.

For rings use paper pie plates. Cut out centre, decorate. Take turns tossing; keep score.



Mother's Kitchen Helper

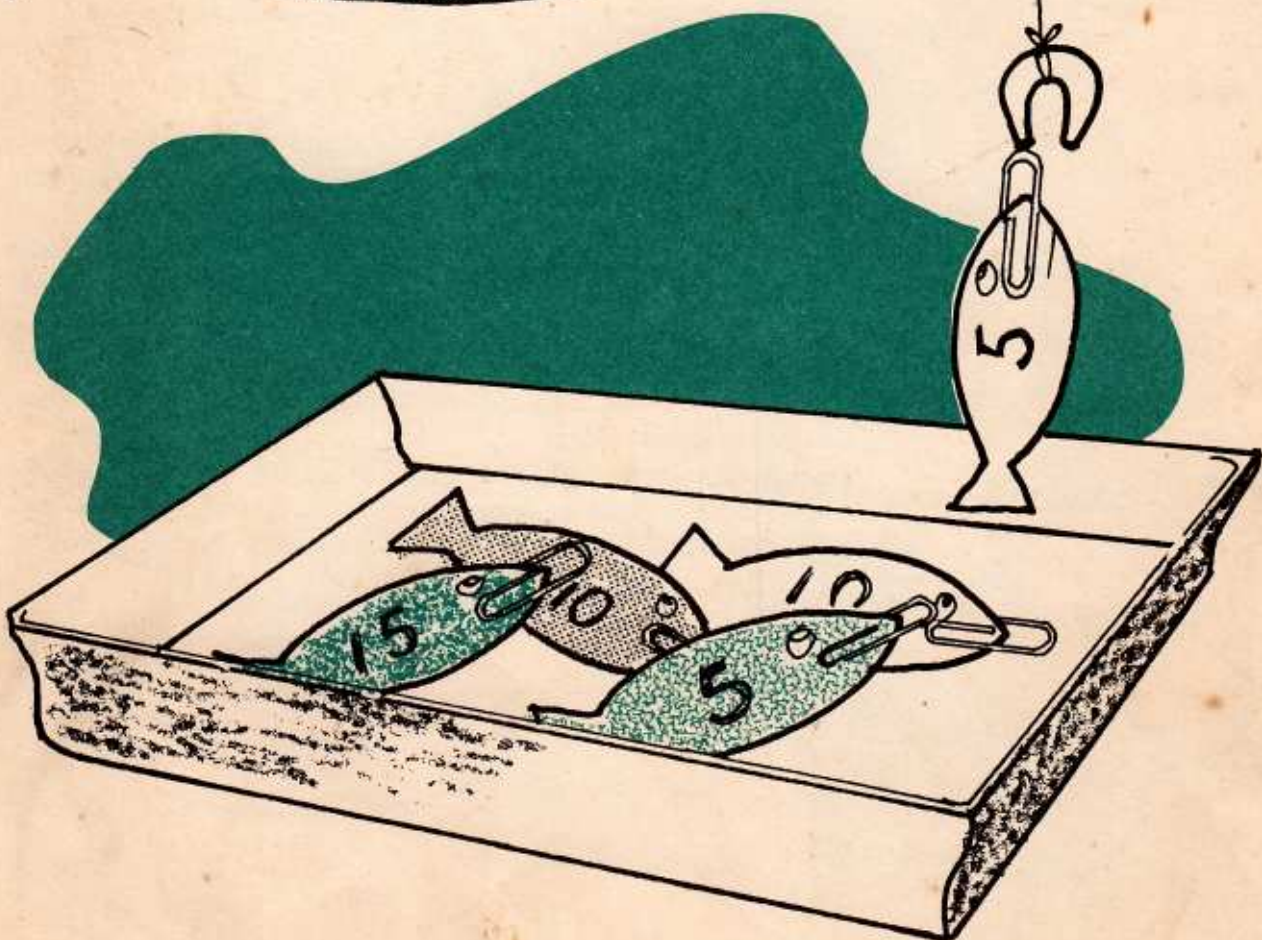
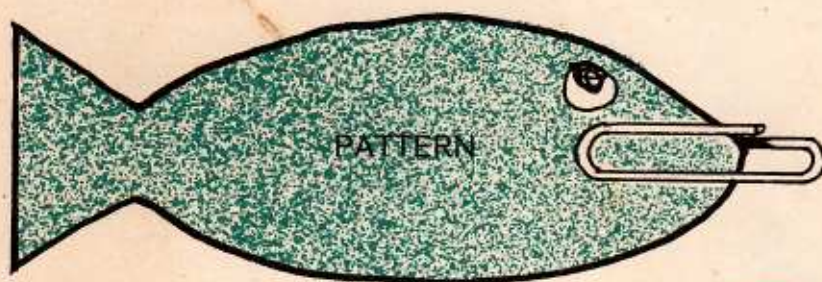
Use a small shallow paper tray. Spread on paste and fit colourful crepe paper on inside. Crumple paper as you go, for added texture. Cut a cardboard piece the same width as the tray and about $\frac{1}{4}$ the height. Staple in place at the bottom. Decorate this with a lovely picture from an old magazine. Paint the remainder of the tray. To hang, punch two holes at top and run a cord through, then knot. Attach a cord on the side and tie a pencil at other end. Fill tray with blank paper or a small pad.



Something Fishy

Cut five fishes out of cardboard using pattern below. Paint in eyes and numbers. Place a paper clip on nose of each.

Use a large pressed paper plate. Paint inside a light blue. Tie a two foot piece of string to a stick. Tie a small magnet to end of string. Take turns at "fishing". Keep score.





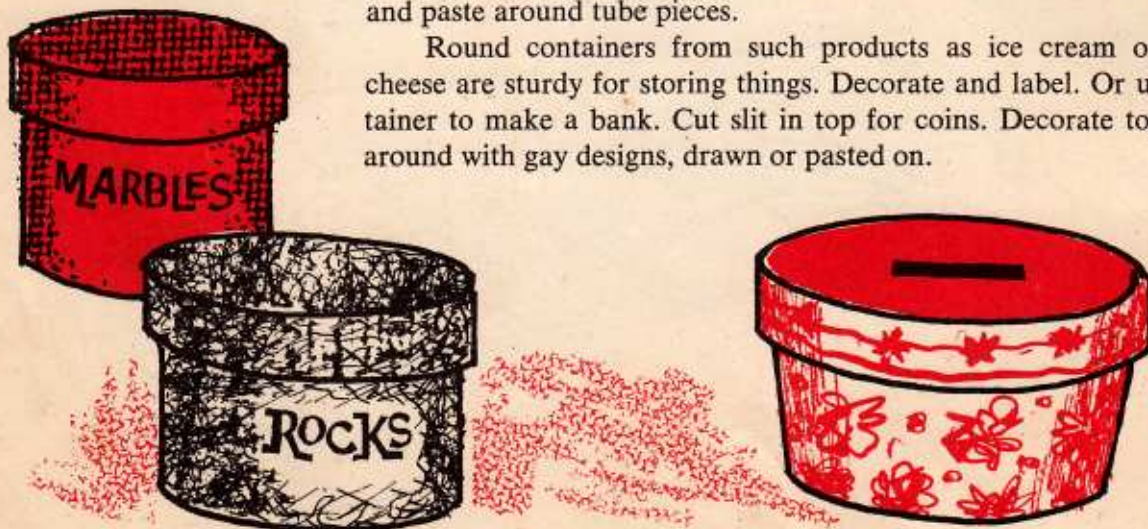
Playroom Boxes

Many special things can be made of round cardboard containers such as oatmeal and salt boxes. Covered with pretty fabric, an oatmeal box becomes a container for knitting yarn and needles.

Waxed paper, paper kitchen towelling, aluminium foil, food wraps and bathroom paper all have sturdy tubes inside which have many uses.

For playing Store make "Canned Goods" by cutting tubes in 2" and 3" lengths. Draw pictures of foods or cut them from old magazines and paste around tube pieces.

Round containers from such products as ice cream or cottage cheese are sturdy for storing things. Decorate and label. Or use a container to make a bank. Cut slit in top for coins. Decorate top and all around with gay designs, drawn or pasted on.

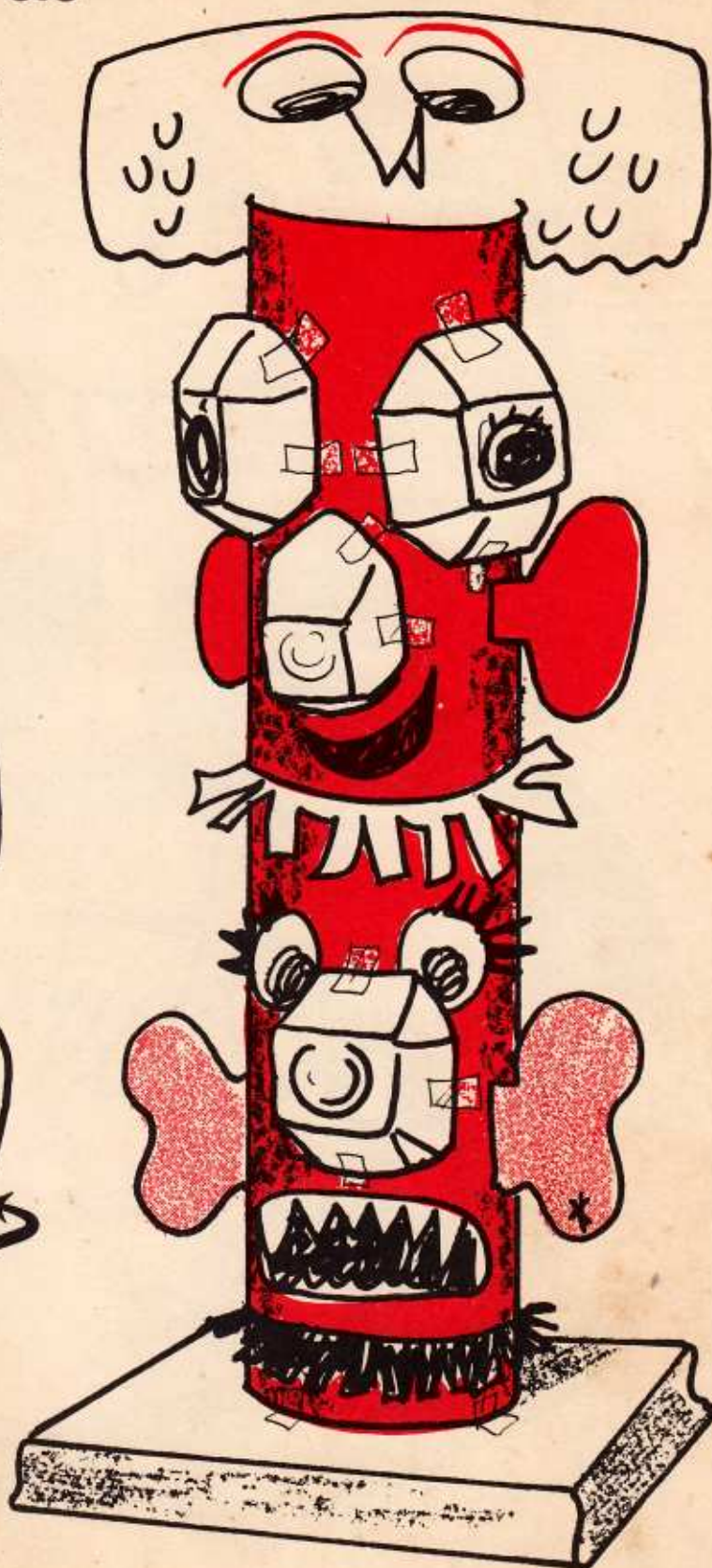
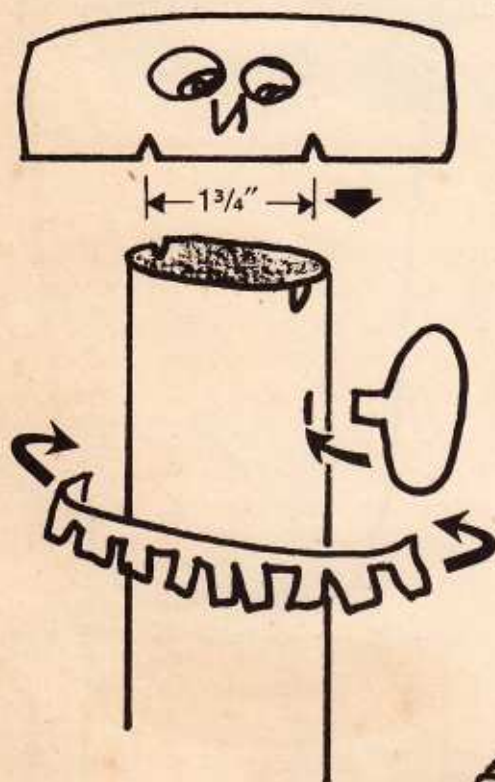


Heap Fun Totem Pole

Use a tube from wax paper that is 12" long. Cover with bright yellow paper. For nose and eyes, use a single section from a pressed paper egg carton. Tape on. Using your imagination, draw eyes and mouths. Paint gay decorations. Cut ears from cardboard, make slits in side and insert ears into slits.

Cut a cardboard wing piece for the top. It should be about 8" long and 2" high. Decorate. Cut notches into top of tube and insert wing slits into these. Tape if necessary.

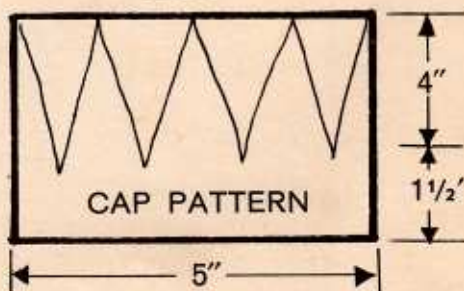
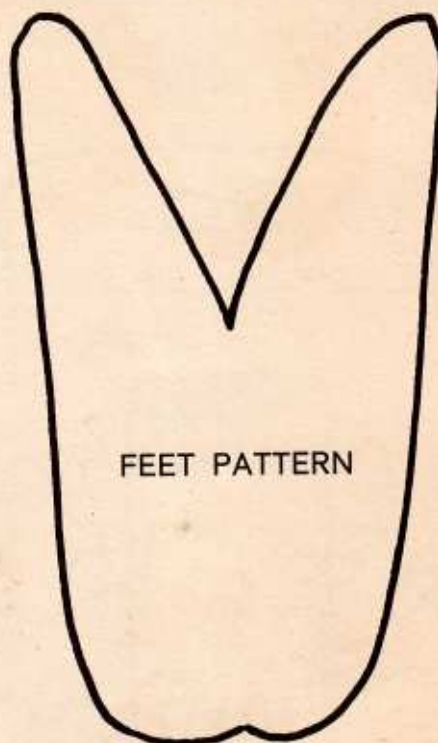
Insert completed totem pole into a pressed paper tray as described in last section for Toss-the-Ring Game. Stand the totem on your desk.



Jester for the Fun of it



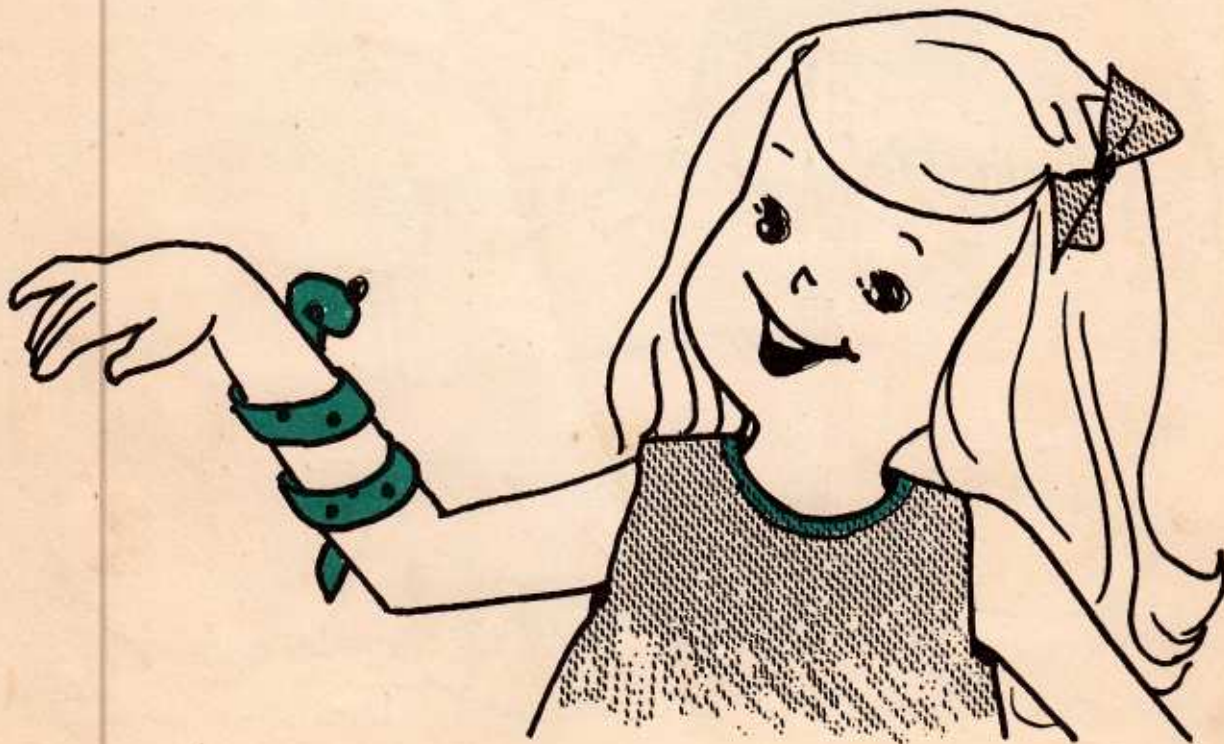
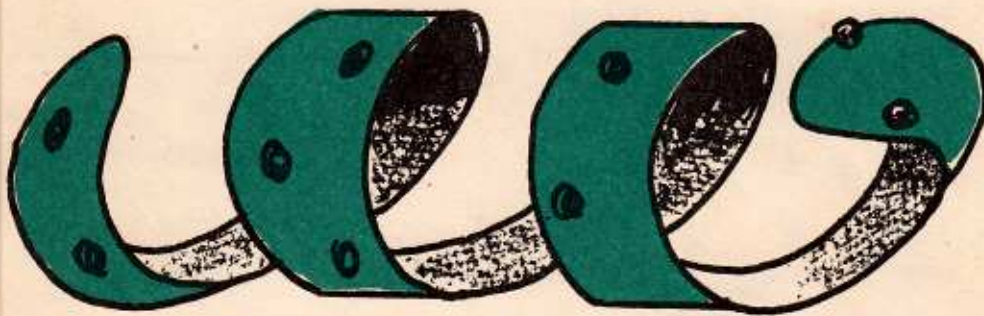
Again, use a 12" tube. Colour a 5"x7" piece of white paper with checks and stripes. Paste around bottom part of tube. Paste pink paper on the remaining part. Paint on a face, belt and line for legs. Following patterns, cut arms and feet out of cardboard. Fold tabs of arms under and tape in place. Tape feet on. Dampen toes slightly and curl up. Cut a red bow tie and stick into place with a pin. Following pattern, cut cap out of coloured paper or crepe paper. Attach jingle bells at tips if you have them. Glue around top of tube as shown.



Snake Charmer Bracelet

Cut a 12" tube along the spiral seam line. Then cut this in half so you have a strip about 1½" wide. Cut about 2" off each end to make a comfortable length for your arm. Make this a rounded cut, so the ends will look like the snake's head and tail.

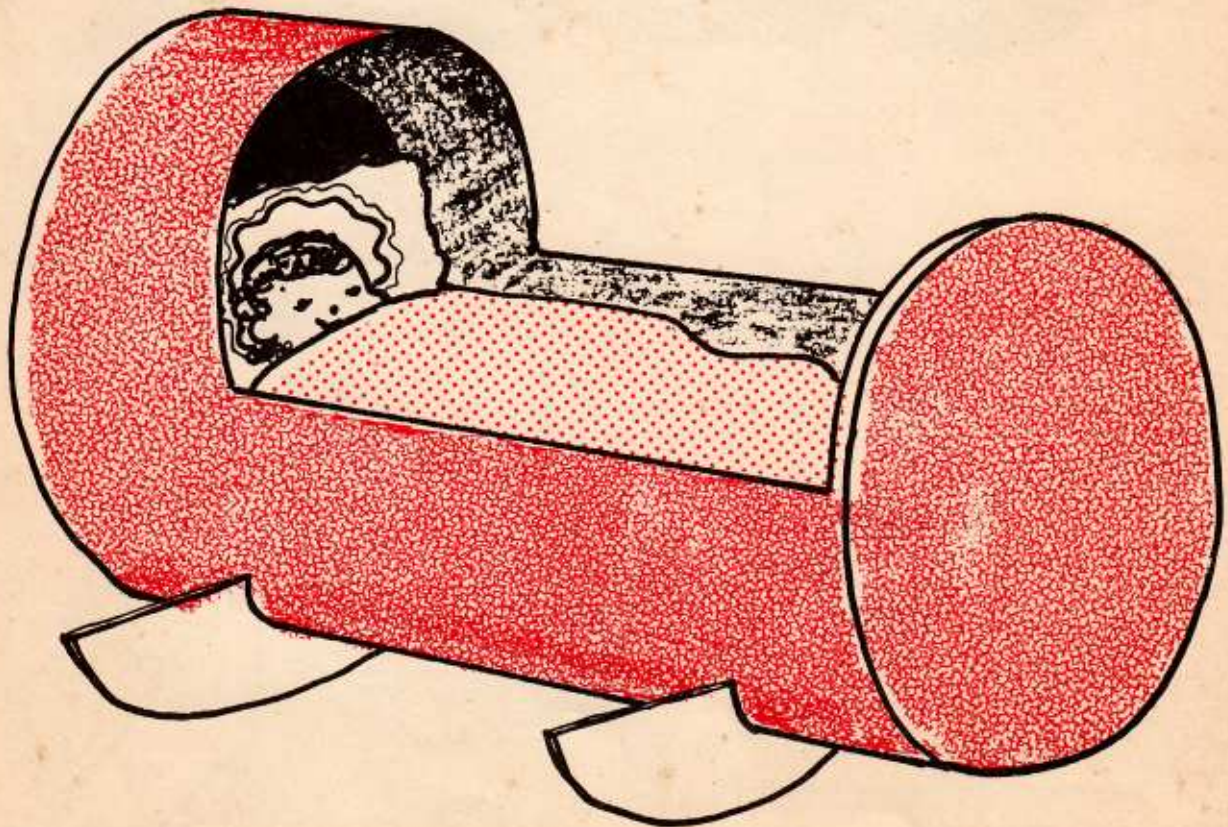
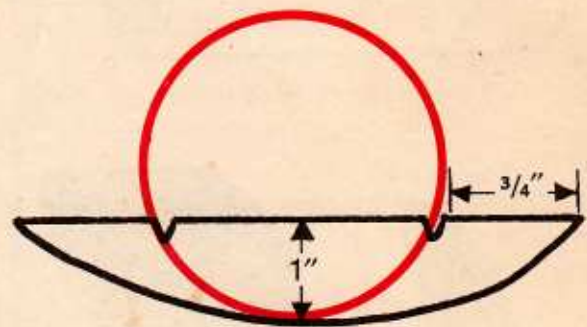
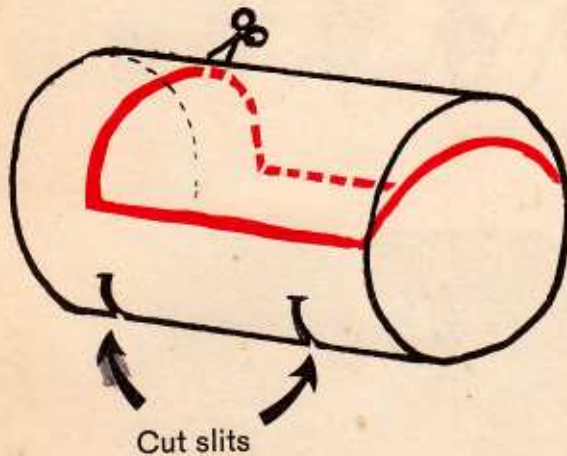
Cut strips of green crepe paper and paste on all around, crinkling it as you go. Paint on some snake spots. Glue two beads to head for eyes. Now you are indeed a little charmer.



Rock-a-Doll Cradle

Cut a cylinder salt box as shown. For rockers use a sturdy piece of cardboard. To determine size, trace around end of round box. Draw a line across 1" up from side of circle. Add $\frac{3}{4}$ " on this line outside of circle. Connect this point to bottom of circle forming curve, as shown. Cut two rockers this size. Cut notches.

Cut two slits in bottom sides of cradle. Slide rockers into position. Now your cradle will rock without tipping over. Use small pieces of fabric for pillow, coverlet and mattress. Put your doll to sleep.

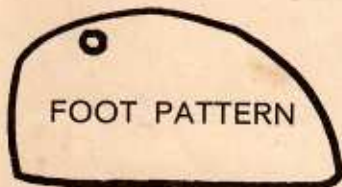
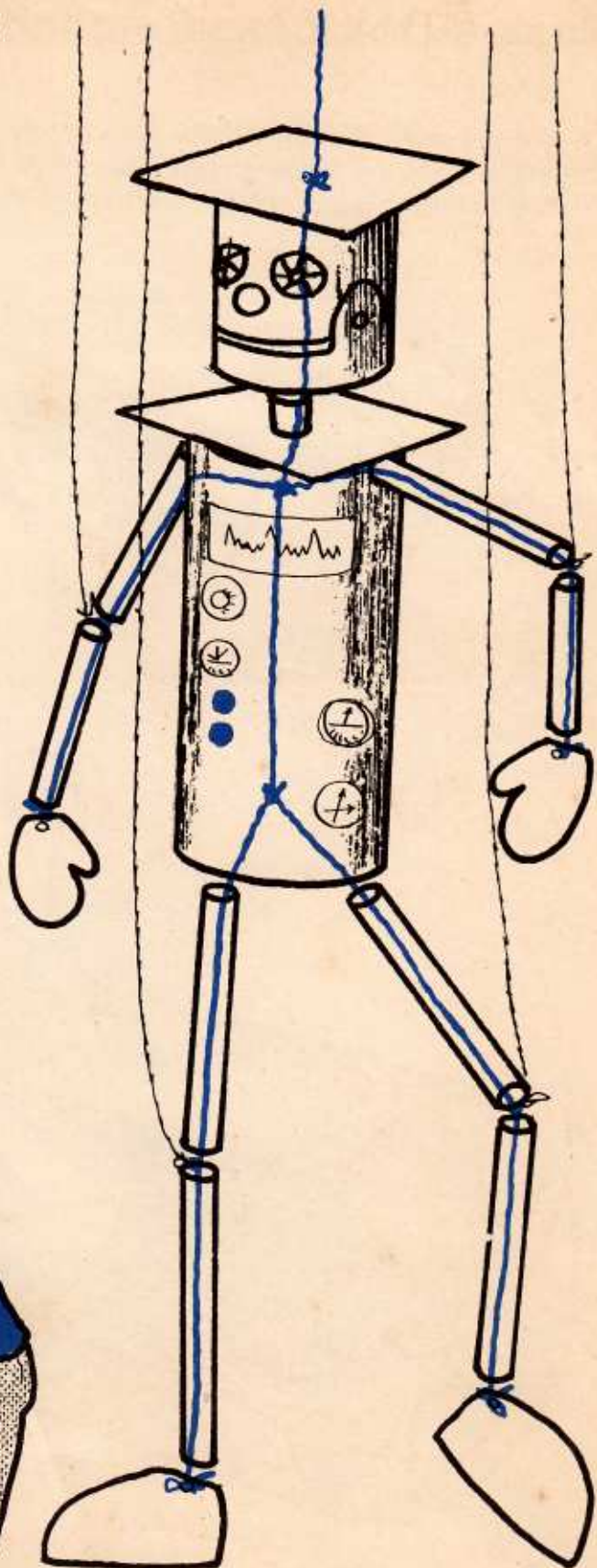


Rob the Robot Puppet

His body is made of a 4" long tube covered with aluminium foil. Glue on red paper gadgets. For legs use 4 pieces of soda straws, each 2½" long. For arms use four pieces of soda straws, each 2" long. For head, use a 2" piece of tube, covered with white paper. Use felt pens to draw on features. For hat and shoulders cut 2 pieces of cardboard 3" square. Cover with foil. Cut hands and feet from cardboard.

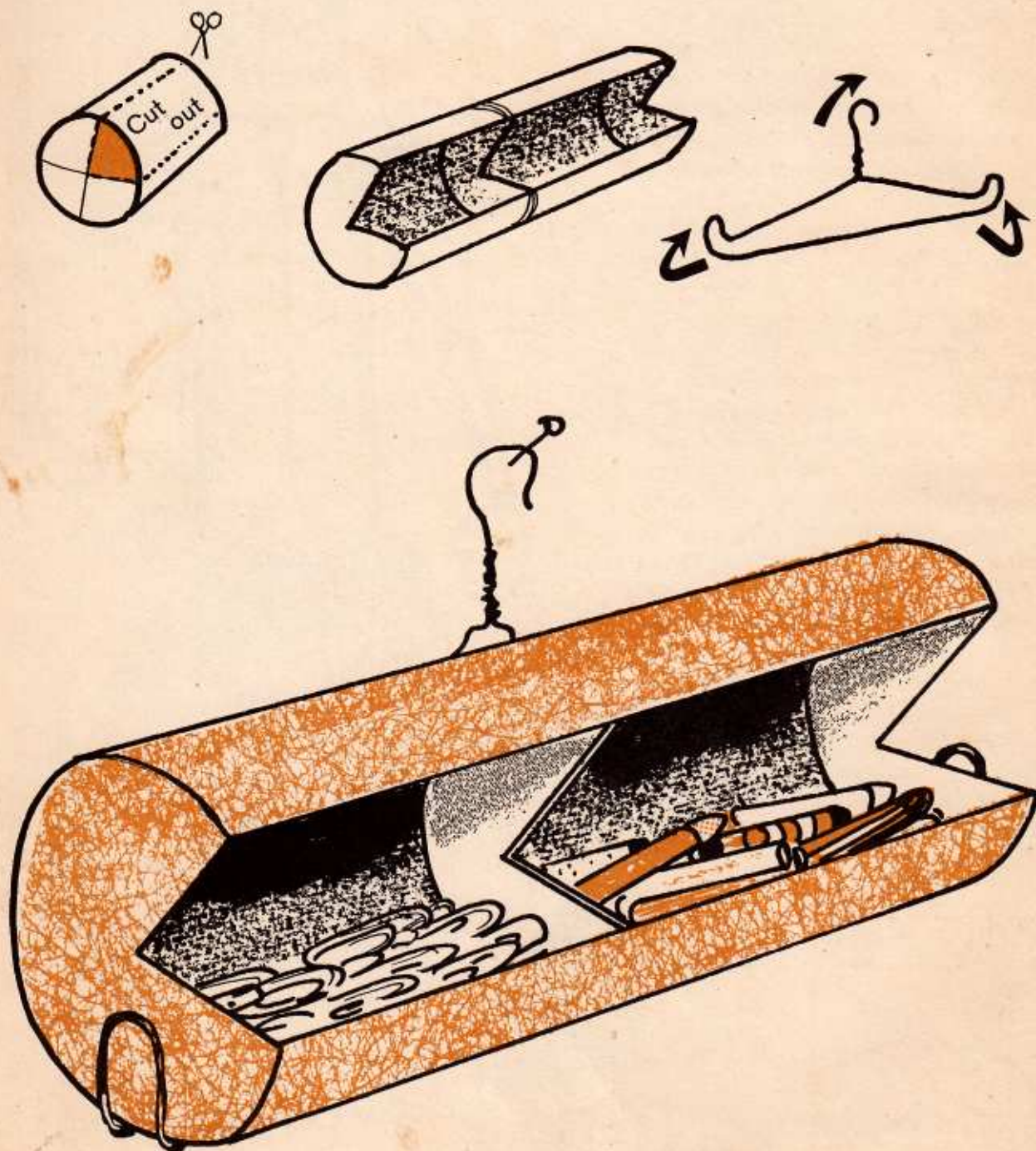
To string, follow instructions carefully. Use 3 pieces of yarn. No. 1 yarn begins at left foot, goes up through leg to body, down to right leg to foot. Tie at foot leaving sections loose and not touching. Yarn piece no. 2; knot at right hand, lead up arm, poke holes in side and put through chest, down left arm and tie knot at left hand leaving joints loose. No. 3 yarn; put down through body and tie to leg yarn as shown (in colour) in drawing. Tie to arm yarn, up through shoulder piece, through a ½" piece of straw for neck, up through head and hat. Tie a knot but leave yarn at top to hold by.

Now cut 4 pieces of string. Tie one to each knee, and one to each wrist. Hold the 4 strings and head yarn at top and see if you can make the robot walk and perform.



Make A Hanging Catchall

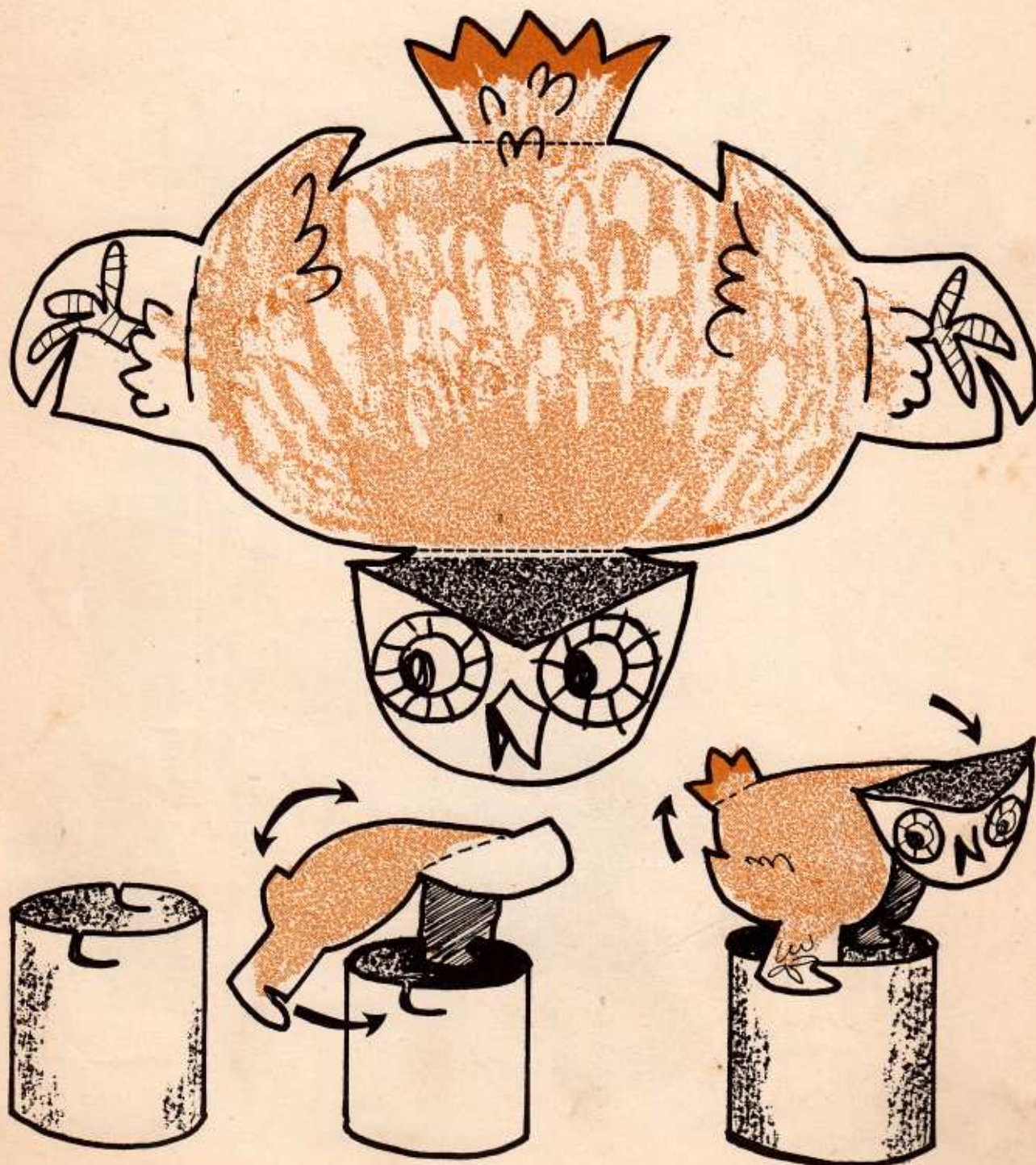
Use two empty round salt boxes. Glue ends together. Cut quarter section out lengthwise, as shown. Cover with gay fabric or paper. Bend a wire hanger to fit around boxes, adjust into position and tape together. Fill with clips or crayons or anything you like and hang on wall near your desk.



Owl on a Log

Colour and paste Owl on cardboard. Cut out. Curl him around.

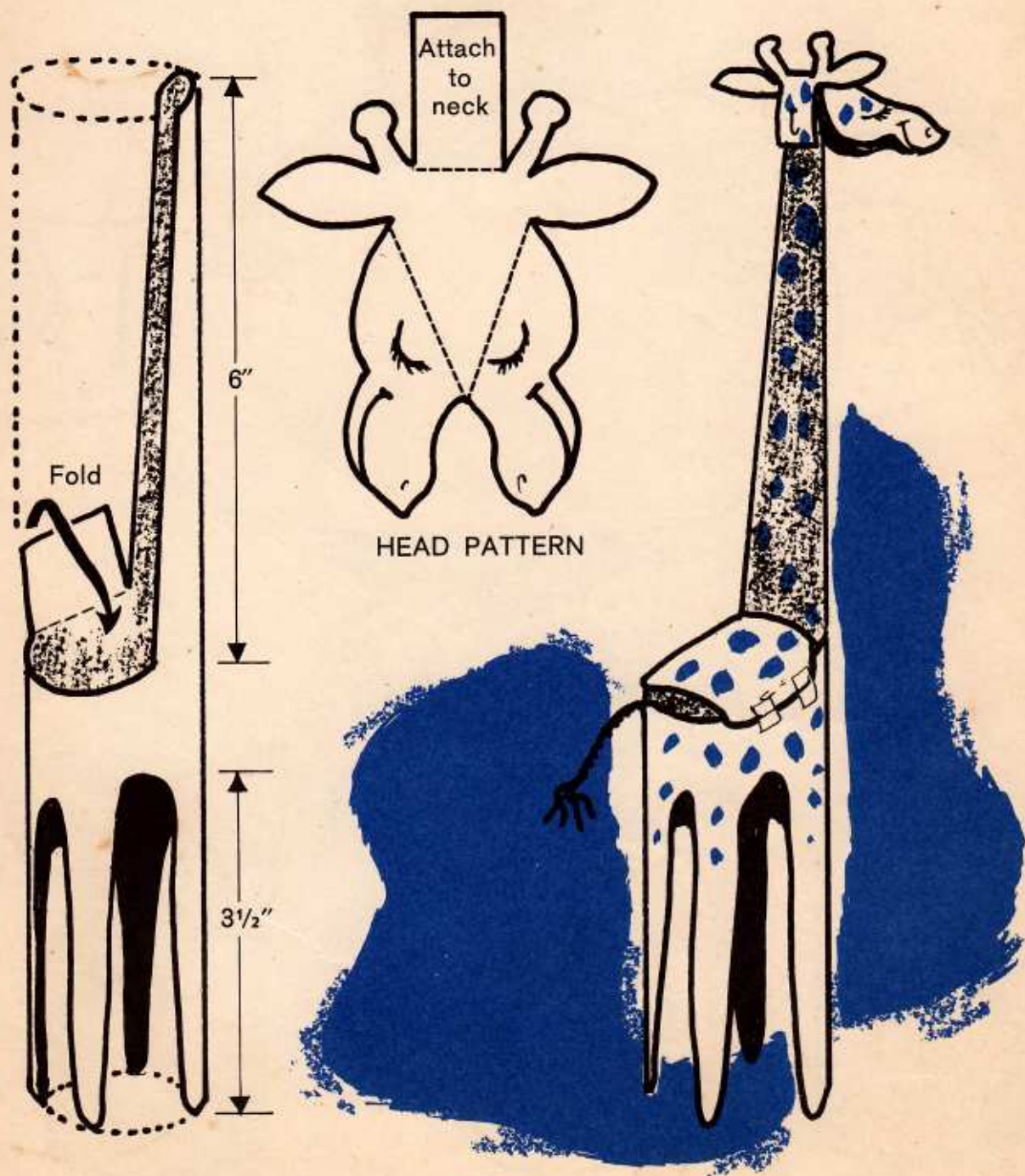
For log, cut a piece of cardboard tube $2\frac{1}{2}$ " long with tabs on top, as shown. Cover with brown paper. Insert owl's feet into slots to make him stand on log. Bend head down on dotted line. Bend tail up.



Jeremy the Giraffe

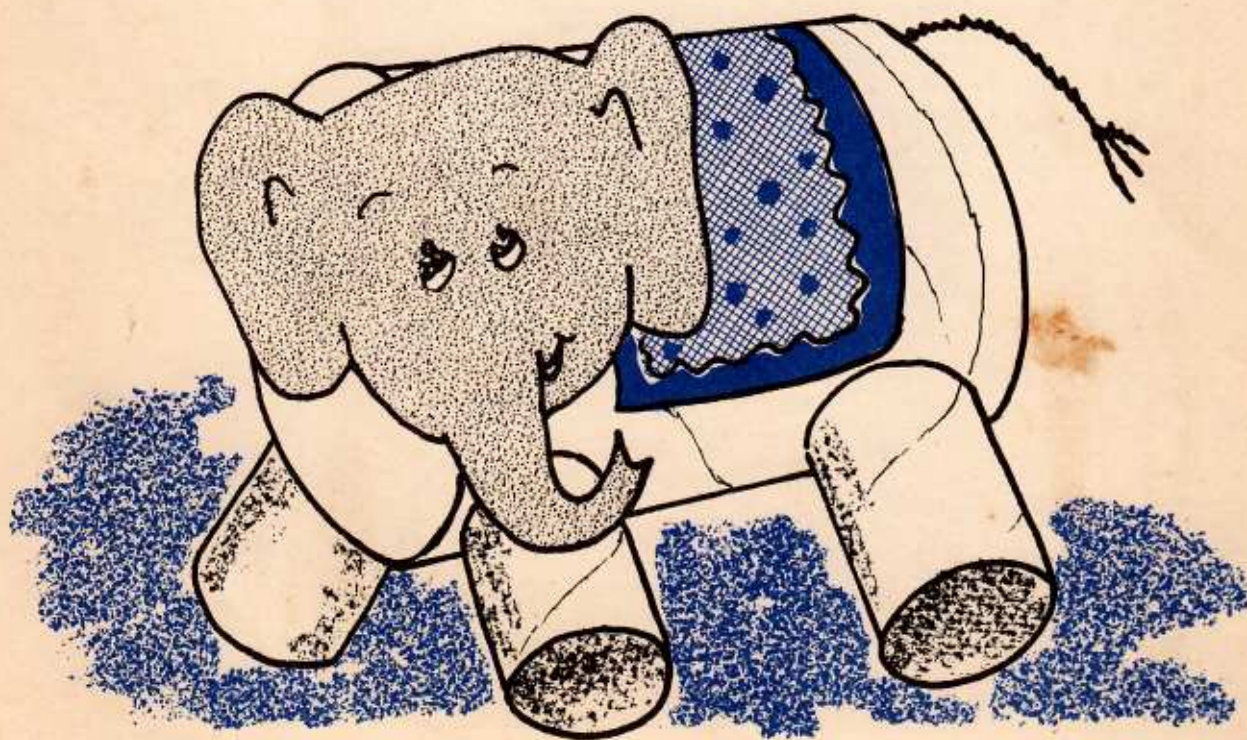
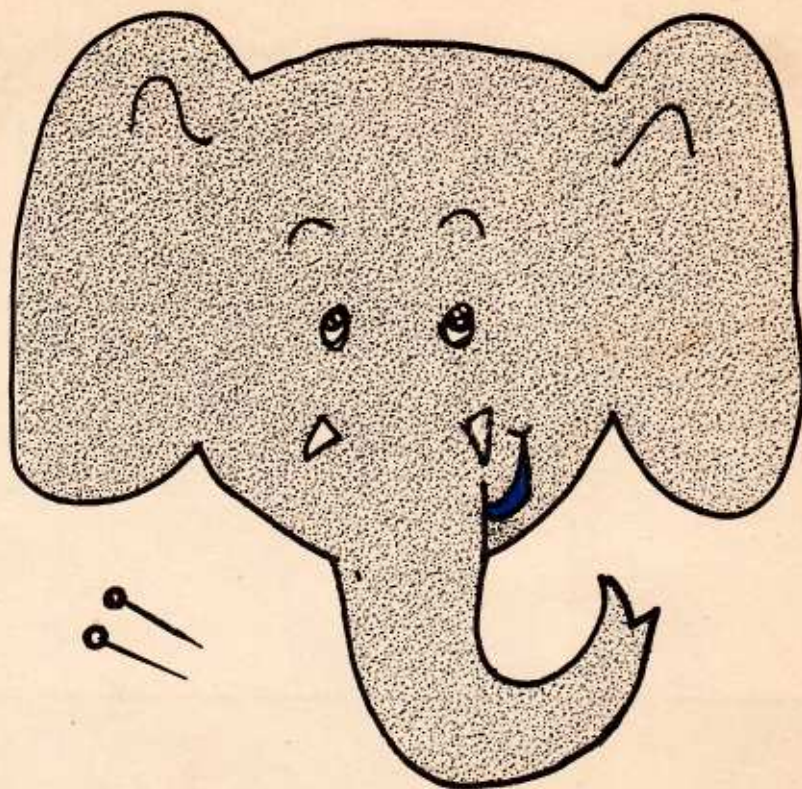
Trace head onto cardboard and colour. Cut out and fold as shown.

Cut a 12" tube as shown. Fold piece for back, over and down. Tape in place. Paint tube yellow with brown spots. Add a string tail. Staple back of head piece to top of neck to complete your giraffe.



Esmeralda the Elephant

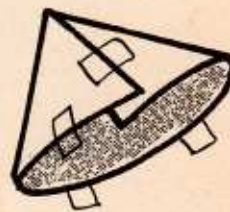
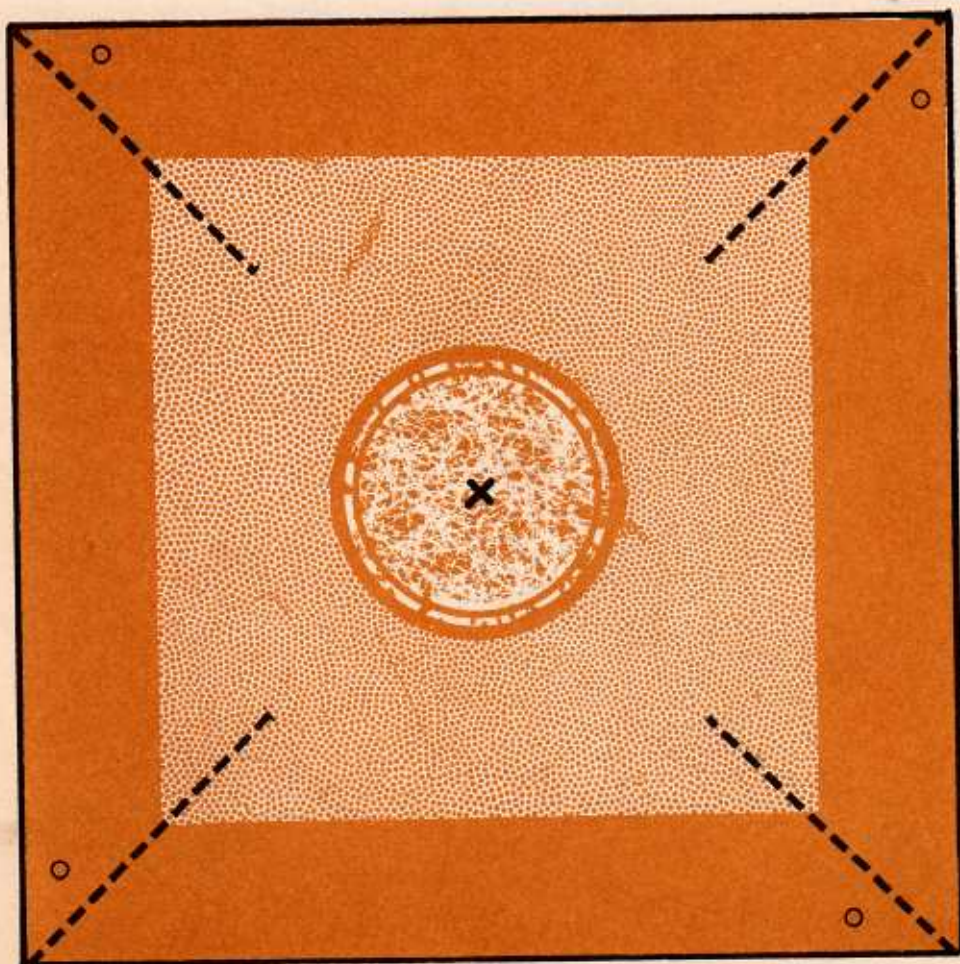
Mount head on cardboard, cut out. For legs, cut a cardboard tube into four pieces, 2" long. Insert them into an empty round salt box. Tape if necessary. For blanket, cut a piece of paper $6\frac{1}{2}$ "x3". Decorate gaily and paste into place. Glue head on side as shown. Insert 2 pins with large round heads for eyes; they will help hold head in place. Add a string tail.



Make a Windmill

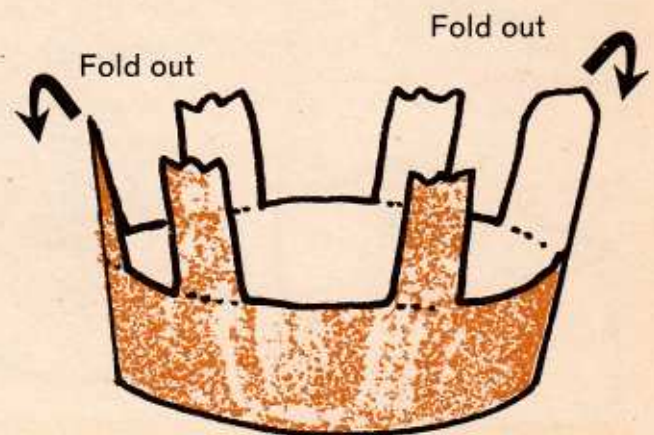
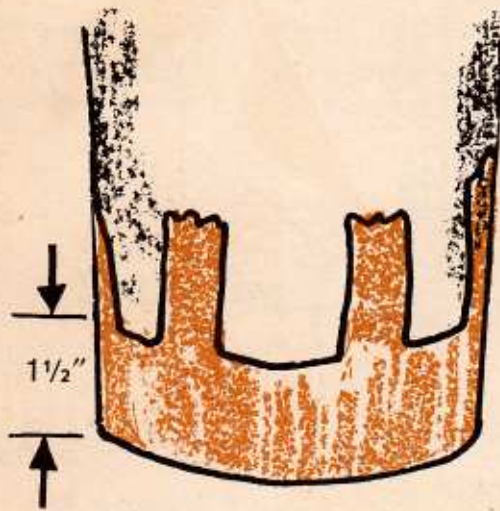
Cover a round salt box with red paper. Draw on the door and windows. Using a compass, draw a half circle $7\frac{3}{4}$ " in diameter on red paper. Cut out, curl around and tape. Tape in place at top of box.

Colour and cut out pinwheel square on this page. Cut along dotted lines from corners only as far in as indicated. Put a pin through the holes in each corner and down through centre x, to form pinwheel. Add a small bead on your pin; then push into side of box. Your windmill is complete.



Terry the Turtle

Use an empty round container such as a salt box or cottage cheese container. Measure $1\frac{1}{2}$ " up from bottom. From this, draw up four feet, a head and a tail as shown. Cut out and fold pieces out. Cover with green paper or paint. Draw designs on shell. Glue on two black beads for eyes.



A Menagerie

Use large cartons that fit around you comfortably. Turn over; cut hole in bottom to fit you. Cut sides curved and ends across as shown. Leave beak for bird. Paint on features. To make shoulder straps, poke four holes around body hole, insert cord or ribbon. Adjust to fit your height, and tie knots inside. Cut ears out of sturdy cardboard and insert into slits you have made. Tape in place on inside. Repeat with bird's tail.

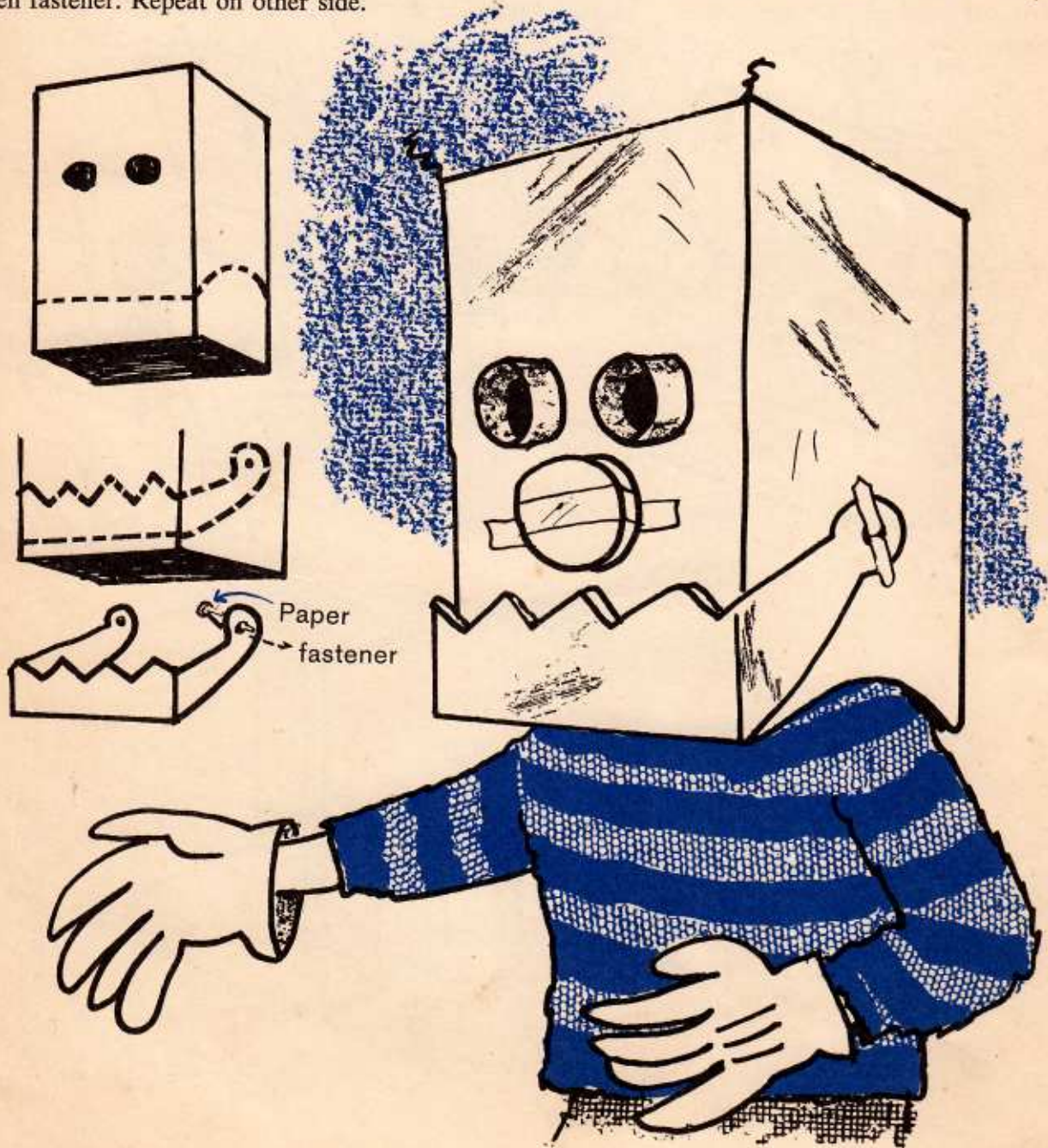
To make bunny tail, use white yarn, cut in 8" lengths. Tie bunch tightly in middle and fluff up. Tape on box. If you want to make these animals more attractive, cover with coloured papers first. Make several different animals using your imagination. Prance about your garden with your friends.



Marty-the-Martian Mask

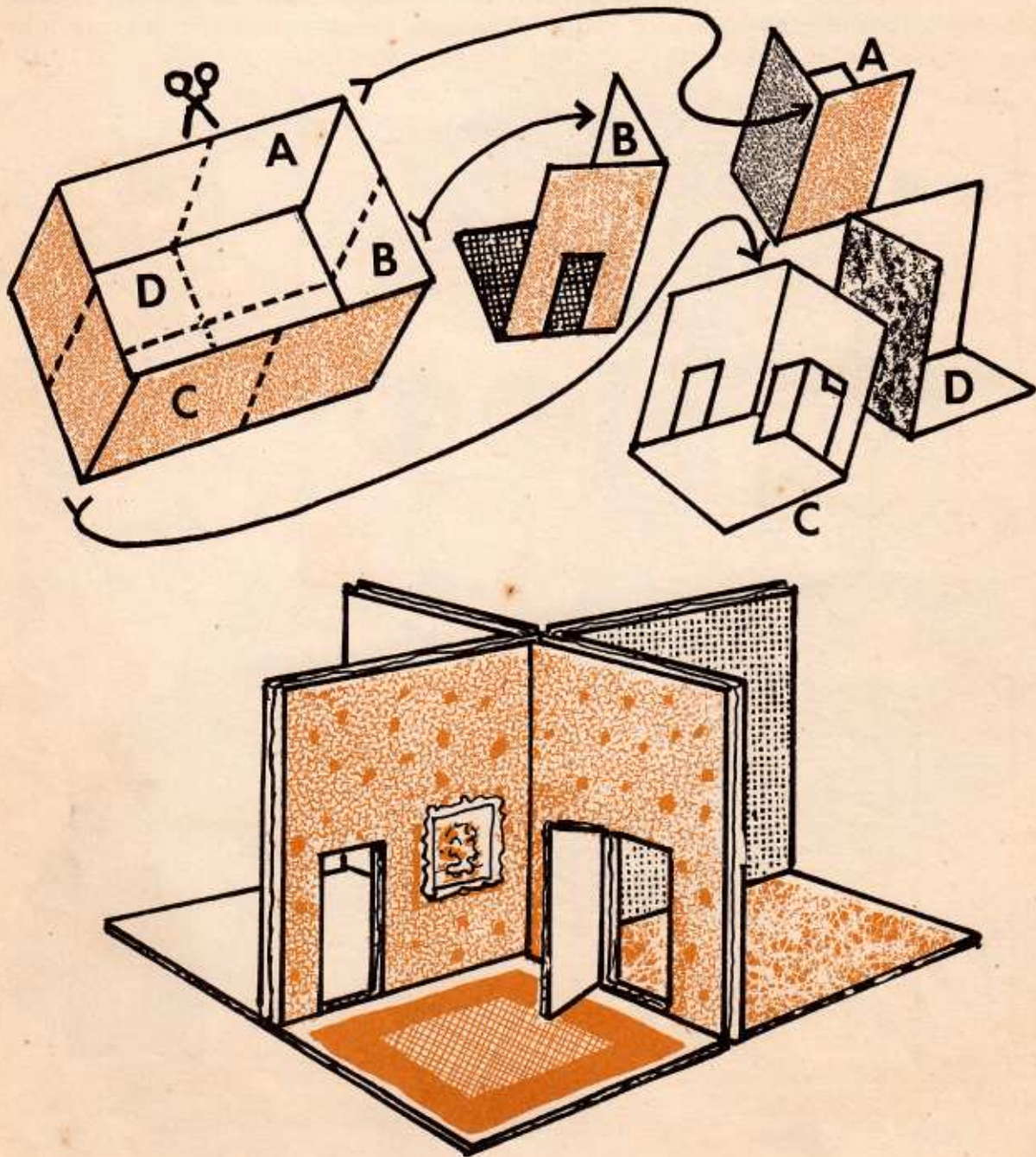
A smaller corrugated box about 14" wide makes a good mask. Tape flaps closed for back of mask. Cut off one end as shown, making a curve for your shoulders. Cut jaw piece from left-over piece, or use a similar size box. Cover box and jaw with aluminium foil. For eyes, cut two pieces of cardboard tubing, each 3" long. Cut holes in box to see through, and fit tubes in place. Insert just far enough in to hold. Tape on inside. For nose, use an old jar top, covered with foil; tape in place. Antennae are pipe cleaners, crinkled and inserted in top of head.

To attach jaw, push a large paper fastener from inside out through the side of the jaw, and open fastener. Repeat on other side.



Make a Four Room Doll's House

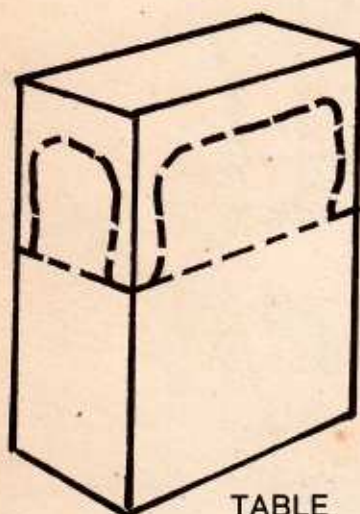
To make this four room house, cut a carton as shown, cutting down the centre of each side and across. Swing the four sections around so that the four corners meet in centre. Cut down to a height that looks best for rooms. Cut doors where desired. Glue the four sections together. Cover walls with pieces of old wallpaper, or paint them. Cut rugs out of old magazines. Decorate walls with small paintings or mirrors cut from old magazines. Your four room house is now ready for furniture.



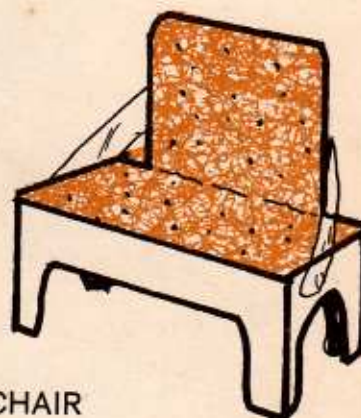
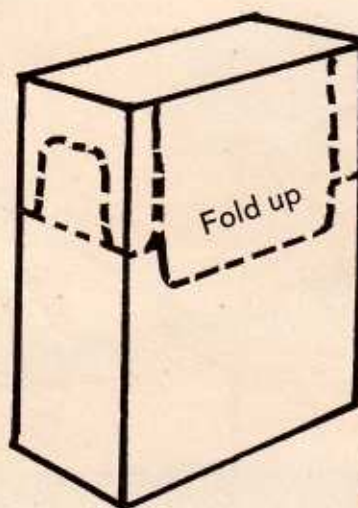
Now Furnish your Home with Model Furniture

To make these pieces of model furniture, use small boxes such as those for jellies, pudding mixes, or cereal snacks, or flip top cigarette boxes. Cut boxes as shown. Fold up back of chair, paste on fabric for seat and back. Tape arms will hold back in place. Cover boxes with paper, or paint them, to make table and bureau. Draw drawers on bureau. Draw drawers on bureau.

Round table is made by gluing a jar top about $1\frac{3}{4}$ " across onto an empty spool. Glue marble textured paper on top. Paint spool white. Smaller round table is made of a milk bottle top glued to a cork. Paint. Flower pot is the top of a used toothpaste tube with tiny artificial flowers held in place by glue. Lamp is made with a button for the base, toothpick centre and top of a squeeze-bottle detergent for shade. Glue together. Plates are buttons. You can probably find many other discarded things around your house that would be fun in your doll's house.



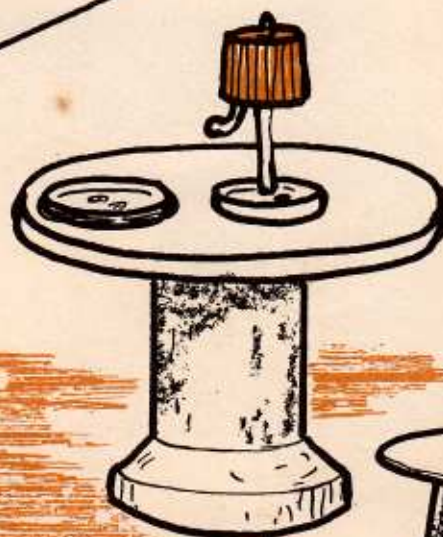
TABLE



CHAIR



BUREAU



ROUND TABLES



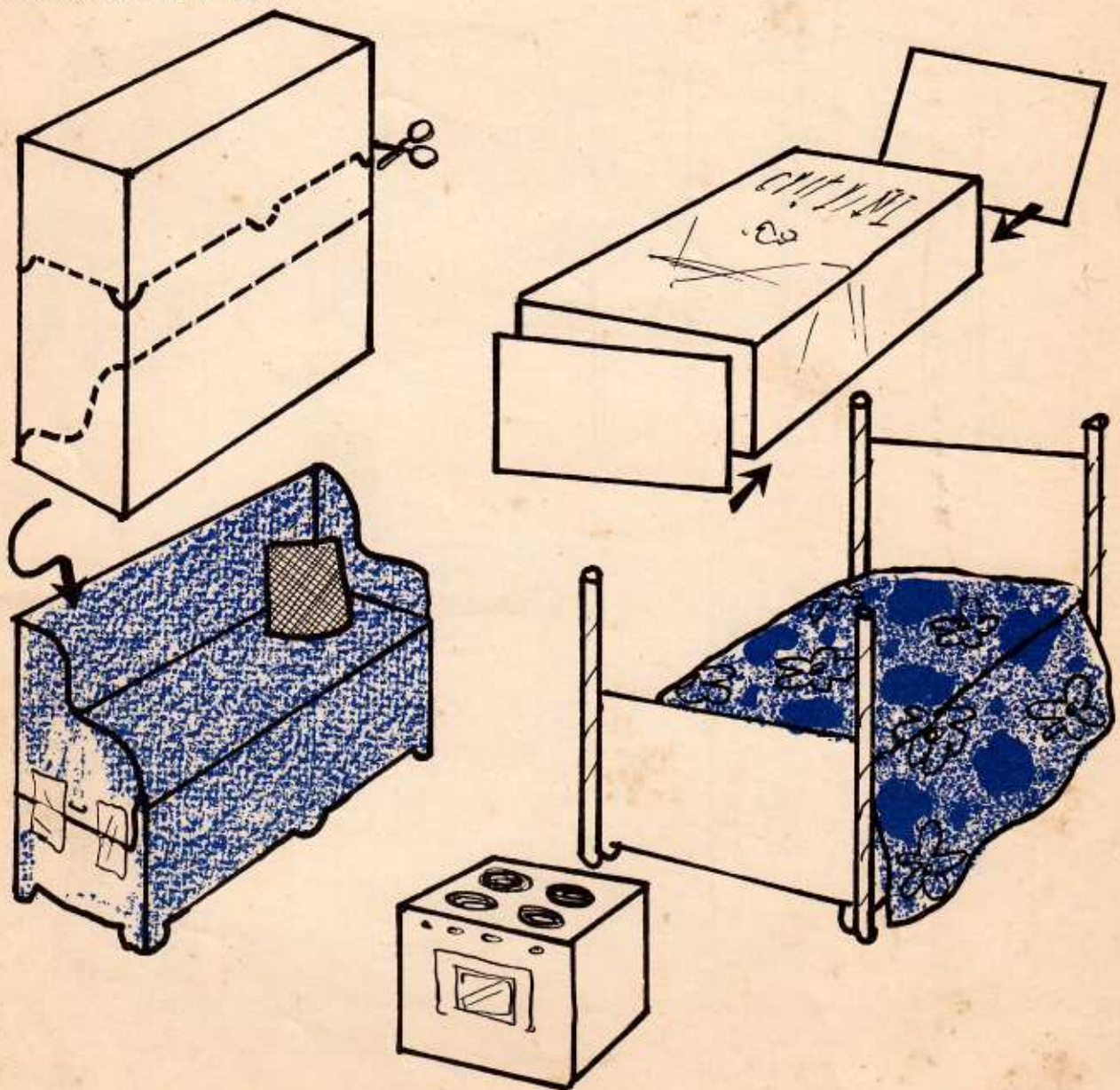
...and More Furniture

Again use small pudding-type boxes. For couch cut box lengthwise slightly wider than half. From remaining piece cut arms and back. Staple at end to hold in place. Glue fabric all around, trim off edges. Make a pillow by cutting a small piece of cardboard and covering it with fabric.

For bed, cut headboards to fit ends of box. Glue to each end. Cut soda straws the proper length, flatten slightly and glue to corners for posts. Paint head and foot boards. Use a piece of fabric for spread.

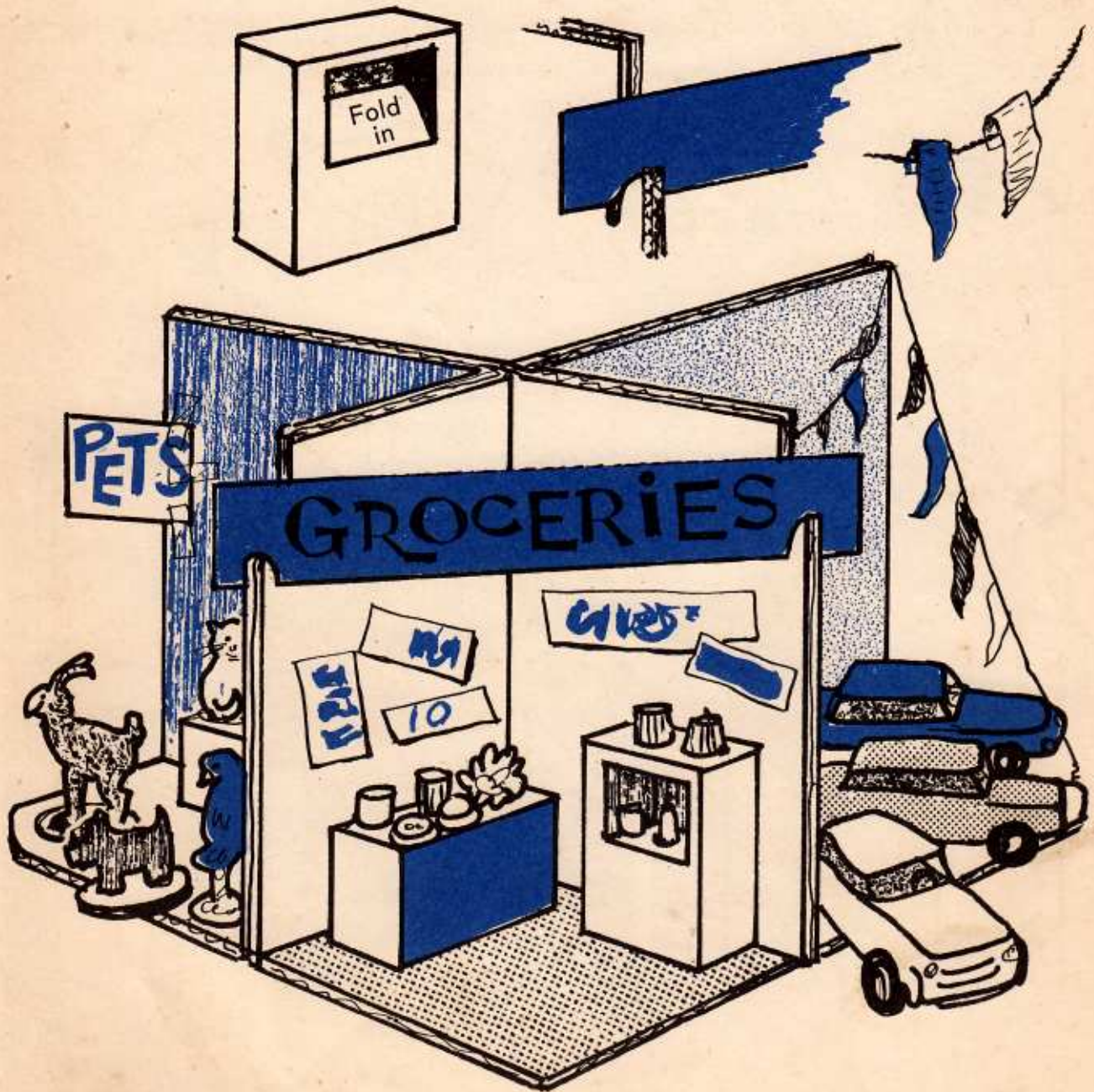
For cooker, cut box to the right proportions, cover with white paper and draw on knobs, rings, etc.

Use your own imagination and make as many pieces of model furniture as you like by applying these general instructions.



Presto! Your Four Room House Becomes a Shopping Centre

Make store signs and letter them. Cut slots in sides and slip into slots you make in corners. Paste small pieces of crepe paper to string for decorations. Use your toy cars for a car showroom. Plastic animals can be "sold" in a Pet Shop. Make the furniture for a Toy Furniture store. For a Grocery Store make counters by cutting small boxes down to size. Make a cupboard as shown. Cut pictures of food from old magazines and paste into place. Use your imagination and see what kind of store you'd like to make.



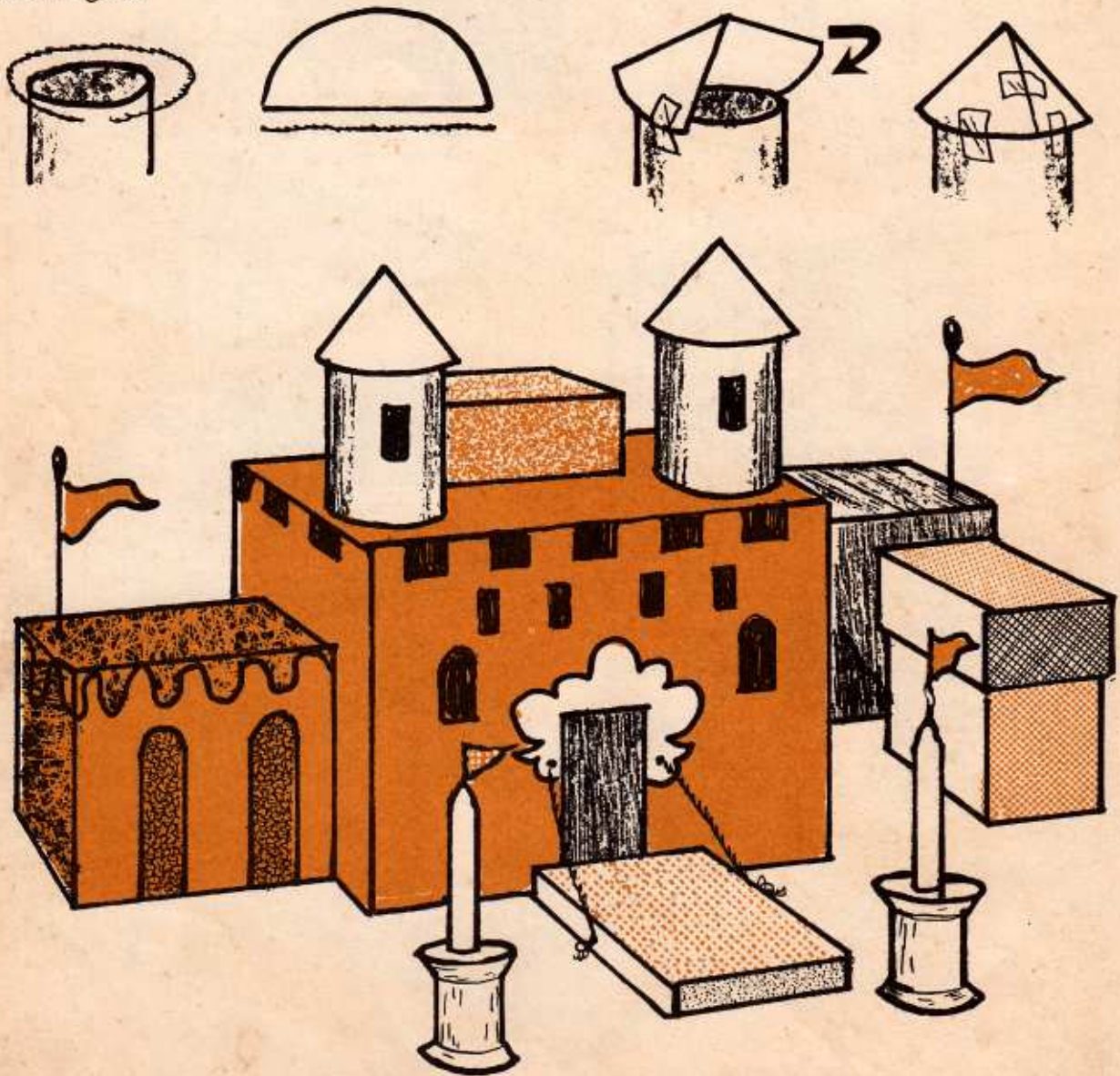
Camelot Castle

By now you must have quite an assortment of boxes, all shapes and sizes. Now let's make a castle, and a miniature town.

The body of the castle is a large corrugated box. Smaller boxes of all types and sizes make the side sections. Cover with gay paper. Cut squares for doors and windows from black paper. Paste in place. For drawbridge, tape string to castle and down to a small flat box cover.

For turrets, use round containers or tubes. Cover these with paper. To make roofs, cut a half circle of paper. To figure diameter of circle, wrap a piece of string around top of round box. Use a compass to spin your half circle. Cut out and tape one end to round box. Wrap top around and tape to hold in place. Add trim.

Tape a red flag to a long hat pin and stick in box. Front posts are small candles stuck into empty spools. Tape flags to wicks. Set all units in place. Now your castle is ready for your toy King, Queen and Knights.



Toy City

Again you'll need boxes of different shapes and sizes. Use a round box for a silo. Cover with red paper, cut a white roof as described on last page for turrets. To make a barn, cut an oatmeal box in half and paste onto a rectangular box the proper size to fit it. Cover with red paper, draw windows and doors.

For church, use an egg carton with interlocked sections, cut in half (half dozen size). Cover with coloured paper, add windows and doors. For steeple, use tube cut to height desired. Cover with paper, add a round roof and draw bell.

Use different sizes and shapes of boxes and lots of imagination to make stores, shops and homes for your Toy City. Small boxes make chimneys on bigger boxes. Several sizes put together look like stores or factories.



80 THINGS TO MAKE IN CARDBOARD

